

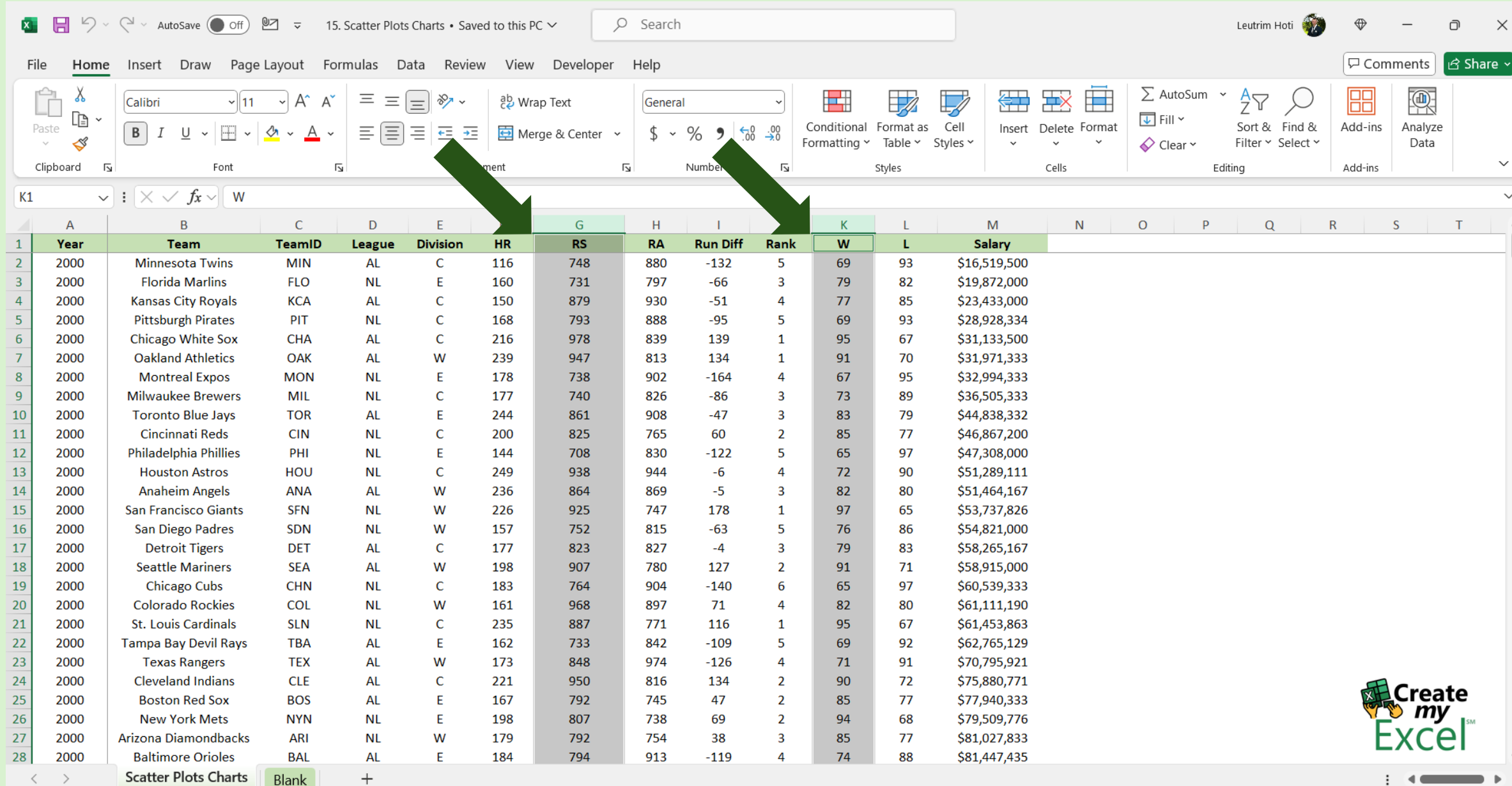
# Scatter Plots Chart



# Timelapse



# Step 1: Select Columns G & K



The screenshot shows the Microsoft Excel interface with a spreadsheet titled "15. Scatter Plots Charts". The spreadsheet contains data for 28 teams in 2000. The columns are labeled as follows:

Year	Team	TeamID	League	Division	HR	RS	RA	Run Diff	Rank	W	L	Salary
2000	Minnesota Twins	MIN	AL	C	116	748	880	-132	5	69	93	\$16,519,500
2000	Florida Marlins	FLO	NL	E	160	731	797	-66	3	79	82	\$19,872,000
2000	Kansas City Royals	KCA	AL	C	150	879	930	-51	4	77	85	\$23,433,000
2000	Pittsburgh Pirates	PIT	NL	C	168	793	888	-95	5	69	93	\$28,928,334
2000	Chicago White Sox	CHA	AL	C	216	978	839	139	1	95	67	\$31,133,500
2000	Oakland Athletics	OAK	AL	W	239	947	813	134	1	91	70	\$31,971,333
2000	Montreal Expos	MON	NL	E	178	738	902	-164	4	67	95	\$32,994,333
2000	Milwaukee Brewers	MIL	NL	C	177	740	826	-86	3	73	89	\$36,505,333
2000	Toronto Blue Jays	TOR	AL	E	244	861	908	-47	3	83	79	\$44,838,332
2000	Cincinnati Reds	CIN	NL	C	200	825	765	60	2	85	77	\$46,867,200
2000	Philadelphia Phillies	PHI	NL	E	144	708	830	-122	5	65	97	\$47,308,000
2000	Houston Astros	HOU	NL	C	249	938	944	-6	4	72	90	\$51,289,111
2000	Anaheim Angels	ANA	AL	W	236	864	869	-5	3	82	80	\$51,464,167
2000	San Francisco Giants	SFN	NL	W	226	925	747	178	1	97	65	\$53,737,826
2000	San Diego Padres	SDN	NL	W	157	752	815	-63	5	76	86	\$54,821,000
2000	Detroit Tigers	DET	AL	C	177	823	827	-4	3	79	83	\$58,265,167
2000	Seattle Mariners	SEA	AL	W	198	907	780	127	2	91	71	\$58,915,000
2000	Chicago Cubs	CHN	NL	C	183	764	904	-140	6	65	97	\$60,539,333
2000	Colorado Rockies	COL	NL	W	161	968	897	71	4	82	80	\$61,111,190
2000	St. Louis Cardinals	SLN	NL	C	235	887	771	116	1	95	67	\$61,453,863
2000	Tampa Bay Devil Rays	TBA	AL	E	162	733	842	-109	5	69	92	\$62,765,129
2000	Texas Rangers	TEX	AL	W	173	848	974	-126	4	71	91	\$70,795,921
2000	Cleveland Indians	CLE	AL	C	221	950	816	134	2	90	72	\$75,880,771
2000	Boston Red Sox	BOS	AL	E	167	792	745	47	2	85	77	\$77,940,333
2000	New York Mets	NYN	NL	E	198	807	738	69	2	94	68	\$79,509,776
2000	Arizona Diamondbacks	ARI	NL	W	179	792	754	38	3	85	77	\$81,027,833
2000	Baltimore Orioles	BAL	AL	E	184	794	913	-119	4	74	88	\$81,447,435

Two green arrows point to the column headers "G" and "K" in the spreadsheet, indicating the columns to be selected.

# Step 2: Insert Scatter Chart

The screenshot shows the Microsoft Excel interface with the 'Insert' tab selected. The 'Charts' group in the ribbon is expanded, and the 'Scatter' icon is highlighted with a green box. A green arrow points from the 'Scatter' icon in the ribbon to the 'Scatter' icon in the 'Charts' group. The spreadsheet data is visible in the background.

Year	Team	TeamID	League	Division	HR	RS	W	L	Salary
2000	Minnesota Twins	MIN	AL	C	116	748	69	93	\$16,519,500
2000	Florida Marlins	FLO	NL	E	160	731	79	82	\$19,872,000
2000	Kansas City Royals	KCA	AL	C	150	879	77	85	\$23,433,000
2000	Pittsburgh Pirates	PIT	NL	C	168	793	69	93	\$28,928,334
2000	Chicago White Sox	CHA	AL	C	216	978	95	67	\$31,133,500
2000	Oakland Athletics	OAK	AL	W	239	947	91	70	\$31,971,333
2000	Montreal Expos	MON	NL	E	178	738	67	95	\$32,994,333
2000	Milwaukee Brewers	MIL	NL	C	177	740	73	89	\$36,505,333
2000	Toronto Blue Jays	TOR	AL	E	244	861	83	79	\$44,838,332
2000	Cincinnati Reds	CIN	NL	C	200	825	85	77	\$46,867,200
2000	Philadelphia Phillies	PHI	NL	E	144	708	65	97	\$47,308,000
2000	Houston Astros	HOU	NL	C	249	938	72	90	\$51,289,111
2000	Anaheim Angels	ANA	AL	W	236	864	82	80	\$51,464,167
2000	San Francisco Giants	SFN	NL	W	226	925	97	65	\$53,737,826
2000	San Diego Padres	SDN	NL	W	157	752	76	86	\$54,821,000
2000	Detroit Tigers	DET	AL	C	177	823	79	83	\$58,265,167
2000	Seattle Mariners	SEA	AL	W	198	907	91	71	\$58,915,000
2000	Chicago Cubs	CHN	NL	C	183	764	65	97	\$60,539,333
2000	Colorado Rockies	COL	NL	W	161	968	82	80	\$61,111,190
2000	St. Louis Cardinals	SLN	NL	C	235	887	95	67	\$61,453,863
2000	Tampa Bay Devil Rays	TBA	AL	E	162	733	69	92	\$62,765,129
2000	Texas Rangers	TEX	AL	W	173	848	71	91	\$70,795,921
2000	Cleveland Indians	CLE	AL	C	221	950	90	72	\$75,880,771
2000	Boston Red Sox	BOS	AL	E	167	792	85	77	\$77,940,333
2000	New York Mets	NYN	NL	E	198	807	94	68	\$79,509,776
2000	Arizona Diamondbacks	ARI	NL	W	179	792	85	77	\$81,027,833
2000	Baltimore Orioles	BAL	AL	E	184	794	74	88	\$81,447,435

# Step 3: Edit Chart Name

The screenshot shows the Microsoft Excel interface with the 'Chart Design' ribbon selected. A scatter plot is displayed on the right side of the worksheet, showing the relationship between 'Run Diff' (X-axis) and 'Salary' (Y-axis) for various MLB teams in the year 2000. The chart title is 'MLB Teams (2000-2015)', which is highlighted with a green box. A green arrow points from the 'Change Chart Type' button in the ribbon to this title box.

Year	Team	TeamID	League	Division	HR	RS	RA	Run Diff	Rank	W	L	Salary
2000	Minnesota Twins	MIN	AL	C	116	748	880	-132	5	69	93	\$16,519,500
2000	Florida Marlins	FLO	NL	E	160	731	797	-66	3	79	82	\$19,872,000
2000	Kansas City Royals	KCA	AL	C	150	879	930	-51	4	77	85	\$23,433,000
2000	Pittsburgh Pirates	PIT	NL	C	168	793	888	-95	5	69	93	\$28,928,334
2000	Chicago White Sox	CHA	AL	C	216	978	839	139	1	95	67	\$31,133,500
2000	Oakland Athletics	OAK	AL	W	239	947	813	134	1	91	70	\$31,971,333
2000	Montreal Expos	MON	NL	E	178	738	902	-164	4	67	95	\$32,994,333
2000	Milwaukee Brewers	MIL	NL	C	177	740	826	-86	3	73	89	\$36,505,333
2000	Toronto Blue Jays	TOR	AL	E	244	861	908	-47	3	83	79	\$44,838,332
2000	Cincinnati Reds	CIN	NL	C	200	825	765	60	2	85	77	\$46,867,200
2000	Philadelphia Phillies	PHI	NL	E	144	708	830	-122	5	65	97	\$47,308,000
2000	Houston Astros	HOU	NL	C	249	938	944	-6	4	72	90	\$51,289,111
2000	Anaheim Angels	ANA	AL	W	236	864	869	-5	3	82	80	\$51,464,167
2000	San Francisco Giants	SFN	NL	W	226	925	747	178	1	97	65	\$53,737,826
2000	San Diego Padres	SDN	NL	W	157	752	815	-63	5	76	86	\$54,821,000
2000	Detroit Tigers	DET	AL	C	177	823	827	-4	3	79	83	\$58,265,167
2000	Seattle Mariners	SEA	AL	W	198	907	780	127	2	91	71	\$58,915,000
2000	Chicago Cubs	CHN	NL	C	183	764	904	-140	6	65	97	\$60,539,333
2000	Colorado Rockies	COL	NL	W	161	968	897	71	4	82	80	\$61,111,190
2000	St. Louis Cardinals	SLN	NL	C	235	887	771	116	1	95	67	\$61,453,863
2000	Tampa Bay Devil Rays	TBA	AL	E	162	733	842	-109	5	69	92	\$62,765,129
2000	Texas Rangers	TEX	AL	W	173	848	974	-126	4	71	91	\$70,795,921
2000	Cleveland Indians	CLE	AL	C	221	950	816	134	2	90	72	\$75,880,771
2000	Boston Red Sox	BOS	AL	E	167	792	745	47	2	85	77	\$77,940,333
2000	New York Mets	NYN	NL	E	198	807	738	69	2	94	68	\$79,509,776
2000	Arizona Diamondbacks	ARI	NL	W	179	792	754	38	3	85	77	\$81,027,833
2000	Baltimore Orioles	BAL	AL	E	184	794	913	-119	4	74	88	\$81,447,435

# Step 4: Format Vertical Axis

The screenshot displays the Microsoft Excel interface with the 'Chart Design' tab selected. A scatter plot titled 'MLB Teams (2000-2015)' is shown, plotting 'Run Diff' (X-axis) against 'Salary' (Y-axis). The chart area is highlighted, and a context menu is open over the vertical axis. The 'Format Axis...' option is highlighted with a green box, and a green arrow points to it from the bottom left. The spreadsheet data is visible in the background, showing columns for Year, Team, TeamID, League, Division, HR, RS, RA, Run Diff, Rank, W, L, and Salary.

Year	Team	TeamID	League	Division	HR	RS	RA	Run Diff	Rank	W	L	Salary
2000	Minnesota Twins	MIN	AL	C	116	748	880	-132	5	69	93	\$16,519,500
2000	Florida Marlins	FLO	NL	E	160	731	797	-66	3	79	82	\$19,872,000
2000	Kansas City Royals	KCA	AL	C	150	879	930	-51	4	77	85	\$23,433,000
2000	Pittsburgh Pirates	PIT	NL	C	168	793	888	-95	5	69	93	\$28,928,334
2000	Chicago White Sox	CHA	AL	C	216	978	839	139	1	95	67	\$31,133,500
2000	Oakland Athletics	OAK	AL	W	239	947	813	134	1	91	70	\$31,971,333
2000	Montreal Expos	MON	NL	E	178	738	902	-164	4	67	95	\$32,994,333
2000	Milwaukee Brewers	MIL	NL	C	177	740	826	-86	3	73	89	\$36,505,333
2000	Toronto Blue Jays	TOR	AL	E	244	861	908	-47	3	83	79	\$44,838,332
2000	Cincinnati Reds	CIN	NL	C	200	825	765	60	2	85	77	\$46,867,200
2000	Philadelphia Phillies	PHI	NL	E	144	708	830	-122	5	65	97	\$47,308,000
2000	Houston Astros	HOU	NL	C	249	938	944	-6	4	72	90	\$51,289,111
2000	Anaheim Angels	ANA	AL	W	236	864	869	-5	3	82	80	\$51,464,167
2000	San Francisco Giants	SFN	NL	W	226	925	747	178	1	97	65	\$52,737,826
2000	San Diego Padres	SDN	NL	W	157	752	815	-63	5	76	86	\$52,737,826
2000	Detroit Tigers	DET	AL	C	177	823	827	-4	3	79	83	\$58,913,333
2000	Seattle Mariners	SEA	AL	W	198	907	780	127	2	91	71	\$58,913,333
2000	Chicago Cubs	CHN	NL	C	183	764	904	-140	6	65	97	\$60,539,333
2000	Colorado Rockies	COL	NL	W	161	968	897	71	4	82	80	\$61,111,190
2000	St. Louis Cardinals	SLN	NL	C	235	887	771	116	1	95	67	\$61,453,863
2000	Tampa Bay Devil Rays	TBA	AL	E	162	733	842	-109	5	69	92	\$62,765,129
2000	Texas Rangers	TEX	AL	W	173	848	974	-126	4	71	91	\$70,795,921
2000	Cleveland Indians	CLE	AL	C	221	950	816	134	2	90	72	\$75,880,771
2000	Boston Red Sox	BOS	AL	E	167	792	745	47	2	85	77	\$77,940,333
2000	New York Mets	NYN	NL	E	198	807	738	69	2	94	68	\$79,509,776
2000	Arizona Diamondbacks	ARI	NL	W	179	792	754	38	3	85	77	\$81,027,833
2000	Baltimore Orioles	BAL	AL	E	184	794	913	-119	4	74	88	\$81,447,435

# Step 5: Edit Vertical Axis Minimum Bounds

The screenshot shows the Microsoft Excel interface with a scatter plot titled "MLB Teams (2000-2015)". The vertical axis represents a numerical value, and the horizontal axis represents another numerical value. The data points are blue dots scattered across the plot. The vertical axis has a minimum bound of 40.0 and a maximum bound of 120.0. The horizontal axis has a maximum bound of 1200.0. The "Format Axis" pane is open on the right, and the "Minimum" value is being edited to 40.0. A green arrow points to the "Minimum" input field in the "Format Axis" pane, and another green arrow points to the vertical axis of the scatter plot.

Year	RS	RA	Run Diff	Rank	W	L	SV
2000	748	880	-132	5	69	93	\$16,200,000
2000	731	797	-66	3	79	82	\$19,872,000
2000	879	930	-51	4	77	85	\$23,433,000
2000	793	888	-95	5	69	93	\$28,928,334
2000	978	839	139	1	95	67	\$31,133,500
2000	947	813	134	1	91	70	\$31,971,333
2000	738	902	-164	4	67	95	\$32,994,333
2000	740	826	-86	3	73	89	\$36,505,333
2000	861	908	-47	3	83	79	\$44,838,332
2000	825	765	60	2	85	77	\$46,867,200
2000	708	830	-122	5	65	97	\$47,308,000
2000	938	944	-6	4	72	90	\$51,289,111
2000	864	869	-5	3	82	80	\$51,464,167
2000	925	747	178	1	97	65	\$53,737,826
2000	752	815	-63	5	76	86	\$54,821,000
2000	823	827	-4	3	79	83	\$58,265,167
2000	907	780	127	2	91	71	\$58,915,000
2000	764	904	-140	6	65	97	\$60,539,333
2000	968	897	71	4	82	80	\$61,111,190
2000	887	771	116	1	95	67	\$61,453,863
2000	733	842	-109	5	69	92	\$62,765,129
2000	848	974	-126	4	71	91	\$70,795,921
2000	950	816	134	2	90	72	\$75,880,771
2000	792	745	47	2	85	77	\$77,940,333
2000	807	738	69	2	94	68	\$79,509,776
2000	792	754	38	3	85	77	\$81,027,833
2000	794	913	-119	4	74	88	\$81,447,435

Format Axis

Axis Options

Bounds

Minimum 40.0 Reset

Maximum 120.0 Auto

Units

Major 10.0 Auto

Minor 2.0 Auto

Horizontal axis crosses

Automatic

Axis value 0.0

Maximum axis value

Display units None

Show display units label on chart

Logarithmic scale Base 10

Values in reverse order

> Tick Marks

> Labels







# Step 7: Add Axis Title To Chart

The screenshot shows the Excel interface with a scatter plot titled "MLB Teams (2000-2015)". The plot is overlaid on a spreadsheet with columns labeled Year, RS, RA, Run Diff, Rank, W, L, and Salary. The chart's axes are currently labeled "Axis Title". The "Chart Elements" task pane is open, and the "Axis Titles" checkbox is checked and highlighted with a green box. A green arrow points from the "Chart Elements" plus sign icon to the "Axis Titles" checkbox. Another green arrow points from the "Chart Elements" plus sign icon to the "Axis Titles" checkbox. The "Format Chart Area" task pane is also visible on the right side of the screen.

	A	G	H	I	J	K	L	M	N	O	P	Q	R	S	U	V	W
1	Year	RS	RA	Run Diff	Rank	W	L	Salary									
2	2000	748	880	-132	5	69	93	\$16,519,500									
3	2000	731	797	-66	3	79	82	\$19,872,000									
4	2000	879	930	-51	4	77	85	\$23,433,000									
5	2000	793	888	-95	5	69	93	\$28,928,334									
6	2000	978	839	139	1	95	67	\$31,133,500									
7	2000	947	813	134	1	91	70	\$31,971,333									
8	2000	738	902	-164	4	67	95	\$32,994,333									
9	2000	740	826	-86	3	73	89	\$36,505,333									
10	2000	861	908	-47	3	83	79	\$44,838,332									
11	2000	825	765	60	2	85	77	\$46,867,200									
12	2000	708	830	-122	5	65	97	\$47,308,000									
13	2000	938	944	-6	4	72	90	\$51,289,111									
14	2000	864	869	-5	3	82	80	\$51,464,167									
15	2000	925	747	178	1	97	65	\$53,737,826									
16	2000	752	815	-63	5	76	86	\$54,821,000									
17	2000	823	827	-4	3	79	83	\$58,265,167									
18	2000	907	780	127	2	91	71	\$58,915,000									
19	2000	764	904	-140	6	65	97	\$60,539,333									
20	2000	968	897	71	4	82	80	\$61,111,190									
21	2000	887	771	116	1	95	67	\$61,453,863									
22	2000	733	842	-109	5	69	92	\$62,765,129									
23	2000	848	974	-126	4	71	91	\$70,795,921									
24	2000	950	816	134	2	90	72	\$75,880,771									
25	2000	792	745	47	2	85	77	\$77,940,333									
26	2000	807	738	69	2	94	68	\$79,509,776									
27	2000	792	754	38	3	85	77	\$81,027,833									
28	2000	794	913	-119	4	74	88	\$81,447,435									

# Step 8: Edit Axis Titles Names

The screenshot shows the Microsoft Excel interface with a scatter plot titled "MLB Teams (2000-2015)". The plot displays a positive correlation between "Runs" (x-axis) and "Wins" (y-axis). The y-axis is labeled "Wins" and ranges from 40 to 120. The x-axis is labeled "Runs" and ranges from 500 to 1000. Green arrows point to the axis titles, and green boxes highlight the text boxes for editing them. The ribbon shows the "Chart Design" and "Format" tabs. The spreadsheet data is visible on the left.

	A	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	
1	Year	RS	RA	Run Diff	Rank	W	L	Salary															
2	2000	748	880	-132	5	69	93	\$16,519,500															
3	2000	731	797	-66	3	79	82	\$19,872,000															
4	2000	879	930	-51	4	77	85	\$4,433,000															
5	2000	793	888	-95	5	69	93	\$18,334															
6	2000	978	839	139	1	95	67	\$31,977,000															
7	2000	947	813	134	1	91	70	\$31,977,000															
8	2000	738	902	-164	4	67	95	\$32,994,333															
9	2000	740	826	-86	3	73	89	\$36,505,333															
10	2000	861	908	-47	3	83	79	\$44,838,332															
11	2000	825	765	60	2	85	77	\$46,867,200															
12	2000	708	830	-122	5	65	97	\$47,308,000															
13	2000	938	944	-6	4	72	90	\$51,289,111															
14	2000	864	869	-5	3	82	80	\$51,464,167															
15	2000	925	747	178	1	97	65	\$53,737,826															
16	2000	752	815	-63	5	76	86	\$54,821,000															
17	2000	823	827	-4	3	79	83	\$58,265,167															
18	2000	907	780	127	2	91	71	\$58,915,000															
19	2000	764	904	-140	6	65	97	\$60,539,333															
20	2000	968	897	71	4	82	80	\$61,111,190															
21	2000	887	771	116	1	95	67	\$61,453,863															
22	2000	733	842	-109	5	69	92	\$62,765,129															
23	2000	848	974	-126	4	71	91	\$70,795,921															
24	2000	950	816	134	2	90	72	\$75,880,771															
25	2000	792	745	47	2	85	77	\$77,940,333															
26	2000	807	738	69	2	94	68	\$79,509,776															
27	2000	792	754	38	3	85	77	\$81,027,833															
28	2000	794	913	-119	4	74	88	\$81,447,435															



# Step 9: Select Columns I & K

The screenshot shows the Microsoft Excel interface with a data table and a scatter plot. The data table is titled "MLB Teams (2000-2015)" and contains 28 rows of data. The columns are labeled A through T. The data table is as follows:

Year	Team	TeamID	League	Division	HR	RS	RA	Run Diff	Rank	W	L	Salary
2000	Minnesota Twins	MIN	AL	C	116	748	880	-132	5	69	93	\$16,519,500
2000	Florida Marlins	FLO	NL	E	160	731	797	-66	3	79	82	\$19,872,000
2000	Kansas City Royals	KCA	AL	C	150	879	930	-51	4	77	85	\$23,433,000
2000	Pittsburgh Pirates	PIT	NL	C	168	793	888	-95	5	69	93	\$28,928,334
2000	Chicago White Sox	CHA	AL	C	216	978	839	139	1	95	67	\$31,133,500
2000	Oakland Athletics	OAK	AL	W	239	947	813	134	1	91	70	\$31,971,333
2000	Montreal Expos	MON	NL	E	178	738	902	-164	4	67	95	\$32,994,333
2000	Milwaukee Brewers	MIL	NL	C	177	740	826	-86	3	73	89	\$36,505,333
2000	Toronto Blue Jays	TOR	AL	E	244	861	908	-47	3	83	79	\$44,838,332
2000	Cincinnati Reds	CIN	NL	C	200	825	765	60	2	85	77	\$46,867,200
2000	Philadelphia Phillies	PHI	NL	E	144	708	830	-122	5	65	97	\$47,308,000
2000	Houston Astros	HOU	NL	C	249	938	944	-6	4	72	90	\$51,289,111
2000	Anaheim Angels	ANA	AL	W	236	864	869	-5	3	82	80	\$51,464,167
2000	San Francisco Giants	SFN	NL	W	226	925	747	178	1	97	65	\$53,737,826
2000	San Diego Padres	SDN	NL	W	157	752	815	-63	5	76	86	\$54,821,000
2000	Detroit Tigers	DET	AL	C	177	823	827	-4	3	79	83	\$58,265,167
2000	Seattle Mariners	SEA	AL	W	198	907	780	127	2	91	71	\$58,915,000
2000	Chicago Cubs	CHN	NL	C	183	764	904	-140	6	65	97	\$60,539,333
2000	Colorado Rockies	COL	NL	W	161	968	897	71	4	82	80	\$61,111,190
2000	St. Louis Cardinals	SLN	NL	C	235	887	771	116	1	95	67	\$61,453,863
2000	Tampa Bay Devil Rays	TBA	AL	E	162	733	842	-109	5	69	92	\$62,765,129
2000	Texas Rangers	TEX	AL	W	173	848	974	-126	4	71	91	\$70,795,921
2000	Cleveland Indians	CLE	AL	C	221	950	816	134	2	90	72	\$75,880,771
2000	Boston Red Sox	BOS	AL	E	167	792	745	47	2	85	77	\$77,940,333
2000	New York Mets	NYN	NL	E	198	807	738	69	2	94	68	\$79,509,776
2000	Arizona Diamondbacks	ARI	NL	W	179	792	754	38	3	85	77	\$81,027,833
2000	Baltimore Orioles	BAL	AL	E	184	794	913	-119	4	74	88	\$81,447,435

The scatter plot on the right is titled "MLB Teams (2000-2015)" and shows a positive correlation between Runs (X-axis) and Wins (Y-axis). The X-axis ranges from 500 to 1000, and the Y-axis ranges from 40 to 120. The data points are blue dots scattered across the plot area.

Two green arrows point to columns I and K in the data table, indicating the columns selected for the scatter plot.

# Step 10: Insert Scatter Column

15. Scatter Plots Charts

File Home **Insert** Draw Page Layout Formulas Data Review View Developer Help

Tables: PivotTable, Recommended PivotTables, Table

Illustrations: Pictures, 3D Models, Shapes, SmartArt, Icons, Screenshot

Controls: Checkbox, Recommended Charts, Scatter, Maps, PivotChart, 3D Map

Sparklines: Line, Column, Win/Loss

Filters: Slicer, Timeline

Links: Link

Comments: Comment, Text

Symbols: Equation, Symbol

Formula Bar: K1

Year	Team	TeamID	League	Division	HR	RS	W	L	Salary			
2000	Minnesota Twins	MIN	AL	C	116	748	99	93	\$16,519,500			
2000	Florida Marlins	FLO	NL	E	160	731	99	82	\$19,872,000			
2000	Kansas City Royals	KCA	AL	C	150	879	77	85	\$23,433,000			
2000	Pittsburgh Pirates	PIT	NL	C	168	793	99	93	\$28,928,334			
2000	Chicago White Sox	CHA	AL	C	216	978	95	67	\$31,133,500			
2000	Oakland Athletics	OAK	AL	W	239	947	11	70	\$31,971,333			
2000	Montreal Expos	MON	NL	E	178							
2000	Milwaukee Brewers	MIL	NL	C	177							
2000	Toronto Blue Jays	TOR	AL	E	244							
2000	Cincinnati Reds	CIN	NL	C	200							
2000	Philadelphia Phillies	PHI	NL	E	144							
2000	Houston Astros	HOU	NL	C	249							
2000	Anaheim Angels	ANA	AL	W	236							
2000	San Francisco Giants	SFN	NL	W	226							
2000	San Diego Padres	SDN	NL	W	157							
2000	Detroit Tigers	DET	AL	C	177							
2000	Seattle Mariners	SEA	AL	W	198							
2000	Chicago Cubs	CHN	NL	C	183							
2000	Colorado Rockies	COL	NL	W	161							
2000	St. Louis Cardinals	SLN	NL	C	235							
2000	Tampa Bay Devil Rays	TBA	AL	E	162							
2000	Texas Rangers	TEX	AL	W	173	848	974	-126	4	71	91	\$70,795,921
2000	Cleveland Indians	CLE	AL	C	221	950	816	134	2	90	72	\$75,880,771
2000	Boston Red Sox	BOS	AL	E	167	792	745	47	2	85	77	\$77,940,333
2000	New York Mets	NYN	NL	E	198	807	738	69	2	94	68	\$79,509,776
2000	Arizona Diamondbacks	ARI	NL	W	179	792	754	38	3	85	77	\$81,027,833
2000	Baltimore Orioles	BAL	AL	E	184	794	913	-119	4	74	88	\$81,447,435

Scatter

- Use this chart type to:
  - Compare at least two sets of values or pairs of data.
  - Show relationships between sets of values
- Use it when:
  - The data represents separate measurements.

More Scatter Charts...

MLB Teams (2000-2015)

Scatter Plots Charts

Blank

Create my Excel

# Step 11: Edit Chart Name

The screenshot displays the Microsoft Excel interface with the 'Chart Design' tab active. A scatter plot is visible on the right side of the worksheet, showing the relationship between 'Runs' (X-axis) and 'Wins' (Y-axis) for various MLB teams from 2000 to 2015. The chart title is currently 'Chart3' and is being edited to 'MLB Teams (2000-2015)'. A green arrow points to the title box, and a green box highlights the new title text.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Year	Team	TeamID	League	Division	HR	RS	RA	Run Diff	Rank	W	L	Salary							
8	2000	Montreal Expos	MON	NL	E	178	738	902	-164	4	67	95	\$32,994,333							
9	2000	Milwaukee Brewers	MIL	NL	C	177	740	826	-86	3	73	89	\$36,505,333							
10	2000	Toronto Blue Jays	TOR	AL	E	244	861	908	-47	3	83	79	\$44,838,332							
11	2000	Cincinnati Reds	CIN	NL	C	200	825	765	60	2	85	77	\$46,867,200							
12	2000	Philadelphia Phillies	PHI	NL	E	144	708	830	-122	5	65	97	\$47,308,000							
13	2000	Houston Astros	HOU	NL	C	249	938	944	-6	4	72	90	\$51,289,111							
14	2000	Anaheim Angels	ANA	AL	W	236	864	869	-5	3	82	80	\$51,464,167							
15	2000	San Francisco Giants	SFN	NL	W	226	925	747	178	1	97	65	\$53,737,826							
16	2000	San Diego Padres	SDN	NL	W	157	752	815	-63	5	76	86	\$54,821,000							
17	2000	Detroit Tigers	DET	AL	C	177	823	827	-4	3	79	83	\$58,265,167							
18	2000	Seattle Mariners	SEA	AL	W	198	907	780	127	2	91	71	\$58,915,000							
19	2000	Chicago Cubs	CHN	NL	C	183	764	904	-140	6	65	97	\$60,539,333							
20	2000	Colorado Rockies	COL	NL	W	161	968	897	71	4	82	80	\$61,111,190							
21	2000	St. Louis Cardinals	SLN	NL	C	235	887	771	116	1	95	67	\$61,453,863							
22	2000	Tampa Bay Devil Rays	TBA	AL	E	162	733	842	-109	5	69	92	\$62,765,129							
23	2000	Texas Rangers	TEX	AL	W	173	848	974	-126	4	71	91	\$70,795,921							
24	2000	Cleveland Indians	CLE	AL	C	221	950	816	134	2	90	72	\$75,880,771							
25	2000	Boston Red Sox	BOS	AL	E	167	792	745	47	2	85	77	\$77,940,333							
26	2000	New York Mets	NYN	NL	E	198	807	738	69	2	94	68	\$79,509,776							
27	2000	Arizona Diamondbacks	ARI	NL	W	179	792	754	38	3	85	77	\$81,027,833							
28	2000	Baltimore Orioles	BAL	AL	E	184	794	913	-119	4	74	88	\$81,447,435							
29	2000	Atlanta Braves	ATL	NL	E	179	810	714	96	1	95	67	\$84,537,836							
30	2000	Los Angeles Dodgers	LAN	NL	W	211	798	729	69	2	86	76	\$87,924,286							
31	2000	New York Yankees	NYA	AL	E	205	871	814	57	1	87	74	\$92,338,260							
32	2001	Minnesota Twins	MIN	AL	C	164	771	766	5	2	85	77	\$24,130,000							
33	2001	Oakland Athletics	OAK	AL	W	199	884	645	239	2	102	60	\$33,810,750							
34	2001	Montreal Expos	MON	NL	E	131	670	812	-142	5	68	94	\$35,159,500							



# Step 12: Add Axis Titles To Chart

15. Scatter Plots Charts

File Home Insert Draw Page Layout Formulas Data Review View Developer Help **Chart Design** Format

Chart 3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Year	Team	TeamID	League	Division	HR	RS	RA	Run Diff	Rank	W	L	Salary							
8	2000	Montreal Expos	MON	NL	E	178	738	902	-164	4	67	95	\$32,994,333							
9	2000	Milwaukee Brewers	MIL	NL	C	177	740	826	-86	3	73	89	\$36,505,333							
10	2000	Toronto Blue Jays	TOR	AL	E	244	861	908	-47	3	83	79	\$44,838,332							
11	2000	Cincinnati Reds	CIN	NL	C	200	825	765	60	2	85	77	\$46,867,200							
12	2000	Philadelphia Phillies	PHI	NL	E	144	708	830	-122	5	65	77	\$47,308,000							
13	2000	Houston Astros	HOU	NL	C	249	938	944	-6	4	72	86	\$51,289,111							
14	2000	Anaheim Angels	ANA	AL	W	236	864	869	-5	3	82	86	\$51,464,167							
15	2000	San Francisco Giants	SFN	NL	W	226	925	747	178	1	97	65	\$54,737,826							
16	2000	San Diego Padres	SDN	NL	W	157	752	815	-63	5	76	86	\$54,821,000							
17	2000	Detroit Tigers	DET	AL	C	177	823	827	-4	3										
18	2000	Seattle Mariners	SEA	AL	W	198	907	780	127	2										
19	2000	Chicago Cubs	CHN	NL	C	183	764	904	-140	6										
20	2000	Colorado Rockies	COL	NL	W	161	968	897	71	4										
21	2000	St. Louis Cardinals	SLN	NL	C	235	887	771	116	1										
22	2000	Tampa Bay Devil Rays	TBA	AL	E	162	733	842	-109	5										
23	2000	Texas Rangers	TEX	AL	W	173	848	974	-126	4										
24	2000	Cleveland Indians	CLE	AL	C	221	950	816	134	2										
25	2000	Boston Red Sox	BOS	AL	E	167	792	745	47	2										
26	2000	New York Mets	NYN	NL	E	198	807	738	69	2										
27	2000	Arizona Diamondbacks	ARI	NL	W	179	792	754	38	3										
28	2000	Baltimore Orioles	BAL	AL	E	184	794	913	-119	4	74	88	\$81,447,435							
29	2000	Atlanta Braves	ATL	NL	E	179	810	714	96	1	95	67	\$84,537,836							
30	2000	Los Angeles Dodgers	LAN	NL	W	211	798	729	69	2	86	76	\$87,924,286							
31	2000	New York Yankees	NYA	AL	E	205	871	814	57	1	87	74	\$92,338,260							
32	2001	Minnesota Twins	MIN	AL	C	164	771	766	5	2	85	77	\$24,130,000							
33	2001	Oakland Athletics	OAK	AL	W	199	884	645	239	2	102	60	\$33,810,750							
34	2001	Montreal Expos	MON	NL	E	131	670	812	-142	5	68	94	\$35,159,500							

Chart Elements

- Axis Titles
- Data Labels
- Error Bars
- Gridlines
- Legend
- Trendline

Wins

Runs

MLB Teams (2000-2015)

Axis Title

Axis Title

# Step 13: Edit Axis Titles Names

15. Scatter Plots Charts

File Home Insert Draw Page Layout Formulas Data Review View Developer Help **Chart Design** Format

Chart3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Year	Team	TeamID	League	Division	HR	RS	RA	Run Diff	Rank	W	L	Salary							
8	2000	Montreal Expos	MON	NL	E	178	738	902	-164	4	67	95	\$32,994,333							
9	2000	Milwaukee Brewers	MIL	NL	C	177	740	826	-86	3	73	89	\$36,505,333							
10	2000	Toronto Blue Jays	TOR	AL	E	244	861	908	-47	3	83	79	\$44,838,332							
11	2000	Cincinnati Reds	CIN	NL	C	200	825	765	60	2	85	77	\$46,867,200							
12	2000	Philadelphia Phillies	PHI	NL	E	144	708	830	-122	5	65	97	\$47,308,000							
13	2000	Houston Astros	HOU	NL	C	249	938	944	-6	4	72	90	\$51,289,111							
14	2000	Anaheim Angels	ANA	AL	W	236	864	869	-5	3	82	80	\$51,464,167							
15	2000	San Francisco Giants	SFN	NL	W	226	925	747	178	1	97	65	\$53,737,826							
16	2000	San Diego Padres	SDN	NL	W	157	752	815	-63	5	76	86	\$54,821,000							
17	2000	Detroit Tigers	DET	AL	C	177	823	827	-4	3	79	83	\$58,265,167							
18	2000	Seattle Mariners	SEA	AL	W	198	907	780	127	2	91	71	\$58,915,000							
19	2000	Chicago Cubs	CHN	NL	C	183	764	904	-140	6	65	97	\$59,539,333							
20	2000	Colorado Rockies	COL	NL	W	161	968	897	71	4	82	80	\$61,119,190							
21	2000	St. Louis Cardinals	SLN	NL	C	235	887	771	116	1	95	67	\$61,563,633							
22	2000	Tampa Bay Devil Rays	TBA	AL	E	162	733	842	-109	5	69	92	\$62,768,000							
23	2000	Texas Rangers	TEX	AL	W	173	848	974	-126	4	71	91	\$70,795,921							
24	2000	Cleveland Indians	CLE	AL	C	221	950	816	134	2	90	72	\$75,880,771							
25	2000	Boston Red Sox	BOS	AL	E	167	792	745	47	2	85	77	\$77,940,333							
26	2000	New York Mets	NYN	NL	E	198	807	738	69	2	94	68	\$79,509,776							
27	2000	Arizona Diamondbacks	ARI	NL	W	179	792	754	38	3	85	77	\$81,027,833							
28	2000	Baltimore Orioles	BAL	AL	E	184	794	913	-119	4	74	88	\$81,447,435							
29	2000	Atlanta Braves	ATL	NL	E	179	810	714	96	1	95	67	\$84,537,836							
30	2000	Los Angeles Dodgers	LAN	NL	W	211	798	729	69	2	86	76	\$87,924,286							
31	2000	New York Yankees	NYA	AL	E	205	871	814	57	1	87	74	\$92,338,260							
32	2001	Minnesota Twins	MIN	AL	C	164	771	766	5	2	85	77	\$24,130,000							
33	2001	Oakland Athletics	OAK	AL	W	199	884	645	239	2	102	60	\$33,810,750							
34	2001	Montreal Expos	MON	NL	E	131	670	812	-142	5	68	94	\$35,159,500							

Scatter Plots Charts



# Step 14: Completed

Microsoft Excel interface showing a spreadsheet of MLB team data and two scatter plots.

**Spreadsheet Data:**

Year	Team	TeamID	League	Division	HR	RS	RA	Run Diff	Rank	W	L	Salary
2000	Minnesota Twins	MIN	AL	C	116	748	880	-132	5	69	93	\$16,519,500
2000	Florida Marlins	FLO	NL	E	160	731	797	-66	3	79	82	\$19,872,000
2000	Kansas City Royals	KCA	AL	C	150	879	930	-51	4	77	85	\$23,433,000
2000	Pittsburgh Pirates	PIT	NL	C	168	793	888	-95	5	69	93	\$28,928,334
2000	Chicago White Sox	CHA	AL	C	216	978	839	139	1	95	67	\$31,133,500
2000	Oakland Athletics	OAK	AL	W	239	947	813	134	1	91	70	\$31,971,333
2000	Montreal Expos	MON	NL	E	178	738	902	-164	4	67	95	\$32,994,333
2000	Milwaukee Brewers	MIL	NL	C	177	740	826	-86	3	73	89	\$36,505,333
2000	Toronto Blue Jays	TOR	AL	E	244	861	908	-47	3	83	79	\$44,838,332
2000	Cincinnati Reds	CIN	NL	C	200	825	765	60	2	85	77	\$46,867,200
2000	Philadelphia Phillies	PHI	NL	E	144	708	830	-122	5	65	97	\$47,308,000
2000	Houston Astros	HOU	NL	C	249	938	944	-6	4	72	90	\$51,289,111
2000	Anaheim Angels	ANA	AL	W	236	864	869	-5	3	82	80	\$51,464,167
2000	San Francisco Giants	SFN	NL	W	226	925	747	178	1	97	65	\$53,737,826
2000	San Diego Padres	SDN	NL	W	157	752	815	-63	5	76	86	\$54,821,000
2000	Detroit Tigers	DET	AL	C	177	823	827	-4	3	79	83	\$58,265,167
2000	Seattle Mariners	SEA	AL	W	198	907	780	127	2	91	71	\$58,915,000
2000	Chicago Cubs	CHN	NL	C	183	764	904	-140	6	65	97	\$60,539,333
2000	Colorado Rockies	COL	NL	W	161	968	897	71	4	82	80	\$61,111,190
2000	St. Louis Cardinals	SLN	NL	C	235	887	771	116	1	95	67	\$61,453,863
2000	Tampa Bay Devil Rays	TBA	AL	E	162	733	842	-109	5	69	92	\$62,765,129
2000	Texas Rangers	TEX	AL	W	173	848	974	-126	4	71	91	\$70,795,921
2000	Cleveland Indians	CLE	AL	C	221	950	816	134	2	90	72	\$75,880,771
2000	Boston Red Sox	BOS	AL	E	167	792	745	47	2	85	77	\$77,940,333
2000	New York Mets	NYN	NL	E	198	807	738	69	2	94	68	\$79,509,776
2000	Arizona Diamondbacks	ARI	NL	W	179	792	754	38	3	85	77	\$81,027,833
2000	Baltimore Orioles	BAL	AL	E	184	794	913	-119	4	74	88	\$81,447,435

**Scatter Plot 1: MLB Teams (2000-2015)**  
 Y-axis: Wins (40-120), X-axis: Runs (500-1000). Shows a positive correlation between runs and wins.

**Scatter Plot 2: MLB Teams (2000-2015)**  
 Y-axis: Wins (20-140), X-axis: Runs (500-1000). Shows a positive correlation between runs and wins, with a wider range of wins.