Team Roster

Organizing your team roster

Goal

A spreadsheet is a good way to keep track of records and organize a large amount of information. In this project, you will use a spreadsheet to create a team roster with the players you chose for your team in the PG-3 Team Roster project. The roster will be used in many of the team's publications, such as the programs sold at the games, on the Web site, and in other promotional documents.

SKILLS UTILIZED

Use Microsoft Excel to organize your dream team roster.

Tactics

- Be sure to input all of your records accurately.
- If information is not available, do your best to estimate this information.
- Read through all instructions before proceeding with this project.
- Review the "On the Field with Joe Gendron" section for guidance when completing this project.

Instructions

> This project is used with **Project W-7 Player Memo** in **Zone 1** in the Microsoft Word section of this book.

1. Obtain the *PG-3 Planning Form* previously completed in the Pre-Game section of this simulation.

2. Using Microsoft Excel, create a new workbook.

3. Save the workbook as *E-1 Team Roster* to *The Dream Team* folder.

4. Insert a header with the text: The <Year> <Team Name> Roster.

5. In cells A1 - F1 enter the following column headings: First Name, Last Name, Position, Height, Weight, and Uniform # as shown in *Figure E-1-A*.

6. Bold and center align cells A1 – F1.

7. Complete the spreadsheet with the information from the previously completed *PG-3 Planning Form* in the Pre-Game section of this simulation.

> *Note: Player's height should be entered in the following format: 6' 3" or 5' 7".*

8. Rename the worksheet tab (Sheet 1) to *Team Roster.*

9. Resize the columns so that all data displays properly.

10. Carefully proofread your work for accuracy.

11. Sort the roster by Last Name and then by First Name in ascending order.

12. View the roster to make sure the data has been sorted.

13. Print a copy of the sorted document if required by your instructor.

14. Next, sort the roster by each player's uniform number in ascending order.

15. View the roster to make sure the data has been sorted.

16. Resave the file.

17. Print a copy of the sorted document if required by your instructor.

Create a team roster using the template below as a guide.

The <Year> <Team Name> Roster

	A	B	C	D	E	F
1	First Name	Last Name	Position	Height	Weight	Uniform #
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

On the Field with Joe Gendron

After visiting several Web sites, Joe Gendron was able to find all of the information he needed to complete the team roster for the Birmingham Bulldogs. With these players, the Bulldogs will be sure to make it to the playoffs!

Sort 2

The 2009 Birmingham Bulldogs Roster

|	A	B	C	D	E	F
1	First Name	Last Name	Position	Height	Weight	Uniform #
2	Reggie	Roby	P	6' 4"	250	1
3	Morten	Andersen	K	6' 2"	225	5
			QB	6' 4"	218	13
			DB	6' 3"	197	31
			RB	6' 2"	210	32
			RB	6' 0"	205	34
			DB	6' 2"	192	40
			DB	6' 0"	203	42
			OL	6' 1"	255	52
			DL	6' 4"	257	54
			LB	6' 3"	237	56
			LB	6' 4"	220	58
			DL	6' 3"	256	63
			OL	6' 3"	260	64
			OL	6' 6"	278	70
			OL	6' 2"	265	73
			DL	6' 5"	268	75
			OL	6' 5"	265	78
			WR	5' 11"	187	80
			TE	6' 2"	232	82
			LB	6' 7"	220	83
			WR	6' 4"	215	84

Sort 1

The 2009 Birmingham Bulldogs Roster

	A	B	C	D	E	F
1	First Name	Last Name	Position	Height	Weight	Uniform #
2	Marcus	Allen	RB	6' 2"	210	32
3	Morten	Andersen	K	6' 2"	225	5
4	Joe	DeLamielleure	OL	6' 3"	260	64
5	John	Hannah	OL	6' 2"	265	73
6	Mike	Haynes	DB	6' 2"	192	40
7	Ted	Hendricks	LB	6' 7"	220	83
8	Ken	Houston	DB	6' 3"	197	31
9	Jack	Lambert	LB	6' 4"	220	58
10	Steve	Largent	WR	5' 11"	187	80
11	James	Lofton	WR	6' 4"	215	84
12	Howie	Long	DL	6' 5"	268	75
13	Ronnie	Lott	DB	6' 0"	203	42
14	Dan	Marino	QB	6' 4"	218	13
15	Anthony	Munoz	OL	6' 6"	278	70
16	Ozzie	Newsome	TE	6' 2"	232	82
17	Walter	Payton	RB	6' 0"	205	34
18	Reggie	Roby	P	6' 4"	250	1
19	Lee Roy	Selmon	DL	6' 3"	256	63
20	Art	Shell	OL	6' 5"	265	78
21	Lawrence	Taylor	LB	6' 3"	237	56
22	Mike	Webster	OL	6' 1"	255	52
23	Randy	White	DL	6' 4"	257	54

The DREAM Team
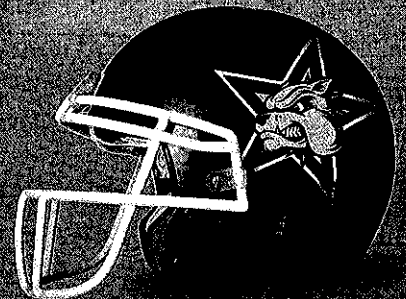
Average Salary

Calculating the average salary of your team

Goal

The revenue from ticket sales is rolling in, but the players on your team don't play for free. In this project, you will create a spreadsheet to find out what the average salary is for the players on your team. You will use this information to make sure your ticket prices are appropriate and your team can be profitable.

SKILLS UTILIZED

Use Microsoft Excel to calculate the average salary of your team.

Tactics

- Use the Internet to research the type of salary players in your particular sport earn each season.
- Use proper currency style in formatting the dollar amounts on the worksheet.
- Read through all instructions before proceeding with this project.
- Review the "On the Field with Joe Gendron" section for guidance when completing this project.

Instructions

1. Using Microsoft Excel, open the file **E-1 Team Roster**.

2. Save the workbook as **E-2 Average Salary** to **The Dream Team** folder.

3. Change the header of the spreadsheet to the following text: Average Salary.

4. In cell G1, enter the following column heading: Salary.

5. Bold and center align cell G1.

6. In column G, enter a salary for each player using amounts that are relevant to today's salaries in your particular sport.

7. Format column G as currency showing the "$" symbol and two decimal places.

8. Enter a formula at the bottom of the Salary column to find the Average Salary.

⚠️ Hint: Use the =AVERAGE formula.

9. In the cell to the immediate left of the average salary, enter the following text: Average Salary.

10. Carefully proofread your work for accuracy.

11. Resave the file.

12. Print a copy of the document if required by your instructor.

🔍 Review the spreadsheet created by Joe Gendron for assistance with this project.

On the Field with Joe Gendron

Professional athletes make a lot of money these days! After researching the amount of money these athletes earn, Joe quickly learned that his team's average salary is exactly where he planned it to be. The team roster with player's salary information that Joe Gendron created is shown below.

Average Salary

	A	B	C	D	E	F	G
1	First Name	Last Name	Position	Height	Weight	Uniform #	Salary
2	Reggie	Roby	P	6' 4"	250	1	$500,000.00
3	Morten	Andersen	K	6' 2"	225	5	$900,000.00
4	Dan	Marino	QB	6' 4"	218	13	$4,700,000.00
5	Ken	Houston	DB	6' 3"	197	31	$1,125,000.00
6	Marcus	Allen	RB	6' 2"	210	32	$1,125,000.00
7	Walter	Payton	RB	6' 0"	205	34	$1,800,000.00
8	Mike	Haynes	DB	6' 2"	192	40	$1,800,000.00
9	Ronnie	Lott	DB	6' 0"	203	42	$1,050,000.00
10	Mike	Webster	OL	6' 1"	255	52	$500,000.00
11	Randy	White	DL	6' 4"	257	54	$500,000.00
12	Lawrence	Taylor	LB	6' 3"	237	56	$500,000.00
13	Jack	Lambert	LB	6' 4"	220	58	$500,000.00
14	Lee Roy	Selmon	DL	6' 3"	256	63	$900,000.00
15	Joe	DeLamielleure	OL	6' 3"	260	64	$900,000.00
16	Anthony	Munoz	OL	6' 6"	278	70	$900,000.00
17	John	Hannah	OL	6' 2"	265	73	$2,187,000.00
18	Howie	Long	DL	6' 5"	268	75	$2,187,000.00
19	Art	Shell	OL	6' 5"	265	78	$2,187,000.00
20	Steve	Largent	WR	5' 11"	187	80	$1,120,000.00
21	Ozzie	Newsome	TE	6' 2"	232	82	$3,120,000.00
22	Ted	Hendricks	LB	6' 7"	220	83	$3,120,000.00
23	James	Lofton	WR	6' 4"	215	84	$2,120,000.00
24						Average Salary	$1,533,681.82

Note: Column and row headings are shown for reference only.

E-2 Average Salary

Use Joe Gendron's average salary spreadsheet as a guide to help create your own. Do not duplicate Joe's work.

The DREAM Team
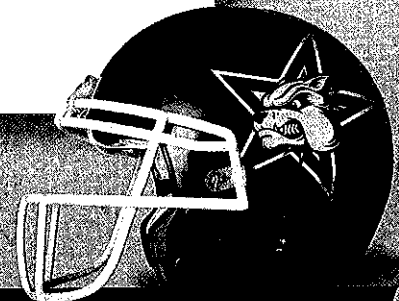
Season Schedule

Determining your home and away games

Goal

After the league coaches' meeting, team owners were left to determine their schedule for the upcoming season. In this project, you will create a schedule for the first 10 games of the season. Half of the games will be played at home and the other half away.

SKILLS UTILIZED

Use Microsoft Excel to organize your dream team schedule.

Tactics

- Use the Internet to find the names of fields, arenas, or stadiums where your opponents will play.
- Read through all instructions before proceeding with this project.
- Review the "On the Field with Joe Gendron" section for guidance when completing this project.

Instructions

1. Open and print the file **E-3 Planning Form** from the **Planning Forms** folder located in **The Dream Team** folder.
2. Follow the instructions provided and complete the form.
3. Using Microsoft Excel, create a new workbook.
4. Save the workbook as **E-3 Season Schedule** to **The Dream Team** folder.
5. In cell A1, enter the following title: <Your Team Name> <20XX Season Schedule>.
6. Merge and center align the title (cell A1) across the four columns of the worksheet.
7. Format the title with an appropriate font size and style.
8. In cells A2 through D2 enter the following column headings: Date, Opponent, Location, and Time.
9. Bold and center align the column headings in cells A2 through D2.
10. Complete the spreadsheet with the information from the **E-3 Planning Form**.
11. Shade each row that contains an away game.
12. Format the worksheet using your team colors.
13. Rename the worksheet tab **Season Schedule**.
14. Carefully proofread your work for accuracy.
15. Resave the file.
16. Print a copy of the document if required by your instructor.

Review the spreadsheet created by Joe Gendron for assistance with this project.

On the Field with Joe Gendron

Joe created the Bulldog's schedule for their inaugural season. He was able to schedule games against his favorite teams in the league. The season schedule that Joe Gendron created for the Birmingham Bulldogs is shown below.

	A	B	C	D
1	**Birmingham Bulldogs 2009 Season Schedule**			
2	Date	Opponent	Location	Time
3	9/7/2009	Carolina	Birmingham Stadium	1:00 P.M.
4	9/14/2009	Detroit	Ford Field	1:00 P.M.
5	9/21/2009	Tampa Bay	Birmingham Stadium	1:00 P.M.
6	10/5/2009	Oakland	Oakland Coliseum	4:00 P.M.
7	10/12/2009	Atlanta	Georgia Dome	1:00 P.M.
8	10/20/2009	Green Bay	Birmingham Stadium	1:00 P.M.
9	10/28/2009	Jacksonville	Birmingham Stadium	8:00 P.M.
10	11/2/2009	New England	Birmingham Stadium	4:00 P.M.
11	11/9/2009	New Orleans	Superdome	4:00 P.M.
12	11/16/2009	Tampa Bay	Raymond James Stadium	1:00 P.M.
13	11/27/2009	Dallas	Texas Stadium	1:00 P.M.
14	11/30/2009	Miami	Birmingham Stadium	1:00 P.M.
15	12/7/2009	Carolina	Bank of America Stadium	1:00 P.M.
16	12/14/2009	Buffalo	Birmingham Stadium	1:00 P.M.
17	12/21/2009	Atlanta	Birmingham Stadium	1:00 P.M.
18	12/28/2009	New York Giants	Giants Stadium	4:00 P.M.

Note: Column and row headings are shown for reference only.

E-3 Season Schedule

Use Joe Gendron's season schedule as a guide to help create your own. Do not duplicate Joe's work.

Projected Revenue from Ticket Sales
Calculating ticket sales revenue

Goal

A spreadsheet can be used to calculate values to help a business determine how well a product is performing. In this project, you will create an Excel spreadsheet to project the revenue (sales) that your team will receive from ticket sales. These projections will help the team with budgeting during the season.

SKILLS UTILIZED

Use Microsoft Excel to calculate ticket sales revenue.

Tactics

- Use proper currency style in formatting the dollar amounts on the worksheet.
- Read through all instructions before proceeding with this project.
- Review the "On the Field with Joe Gendron" section for guidance when completing this project.

Instructions

1. Open and print the file **E-4 Planning Form** from the **Planning Forms** folder located in **The Dream Team** folder.
2. Follow the instructions provided and complete the form.
3. Using Microsoft Excel, create a new workbook.
4. Save the workbook as **E-4 Projected Revenue** to **The Dream Team** folder.
5. In cell A1, enter the following title: <Name of stadium> Projected Ticket Sales Revenue.

6. In cell A2, enter the following subtitle: Based on a stadium seating capacity of 65,000.
7. In cells A3 – E3, enter the following column headings: Section, Price, # of Seats, # of Home Games, and Total Sales.
8. Bold and center align cells A3 – E3.
9. Using the information from the **E-4 Planning Form**, enter the appropriate data into the correct columns.
10. Enter a formula in cell E4 to compute the Total Sales for the first section. This is computed by multiplying the Price by the # of Seats by the # of Home Games.
11. Copy and paste the formula in cell E4 to cells E5 through E8.
12. In cell D9, enter the following text: Total Projected Sales.
13. Enter a formula in cell E9 to compute the Total Projected Sales for all of the sections in the Total Sales column.

⚠️ *Hint: Use the =SUM formula*

14. Format column E as currency showing the "$" symbol and 0 decimals.
15. Merge and center align the title (cell A1) across the five columns of the worksheet.
16. Merge and center align the subtitle (cell A2) across the five columns of the worksheet.
17. Format the title, subtitle, and column headings with an appropriate font size and style.
18. Center align cells D4 through D9.
19. Format the worksheet using your team's colors.
20. Rename the worksheet tab: Tix Sales.
21. Carefully proofread your work for accuracy.
22. Resave the file.
23. Print a copy of the worksheet if required by your instructor.

Review the spreadsheet created by Joe Gendron for assistance with this project.

On the Field with Joe Gendron

The fan response for Bulldog tickets has been incredible. Using the worksheet for Projected Revenue from Ticket Sales, Joe can easily budget expenses for the entire season. The worksheet that Joe Gendron created for the Birmingham Bulldogs is shown below.

	A	B	C	D	E
1	**Birmingham Stadium Projected Ticket Sales Revenue**				
2	Based on a stadium seating capacity of 65,000				
3	**Section**	**Price**	**# of Seats**	**# of Home Games**	**Total Sales**
4	The Dog House	$49.00	10,000	8	$3,920,000
5	Upper Bowl	$59.00	18,000	8	$8,496,000
6	Lower Bowl	$79.00	32,000	8	$20,224,000
7	Box Seats	$200.00	3,000	8	$4,800,000
8	Luxury Box	$350.00	2,000	8	$5,600,000
9				Total Projected Sales	$43,040,000
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

Note: Column and row headings are shown for reference only.

E-4 Projected Revenue

Use Joe Gendron's projected revenue as a guide to help create your own. Do not duplicate Joe's work.

The DREAM Team

E-5 Top 5 Salaries

Ranking your players' salaries

Goal

Now that you have organized your roster and players' salaries, it is important to compare your top five paid players with other players in the league. In this project, you will use an Excel spreadsheet to sort and illustrate your top five players' salaries.

SKILLS UTILIZED

Use Microsoft Excel to create a chart comparing data.

Tactics

- Carefully review the spreadsheet when reviewing records.
- Read through all instructions before proceeding with this project.
- Review the "On the Field with Joe Gendron" section for guidance when completing this project.

Instructions

1. Open the file **E-2 Average Salary** located in **The Dream Team** folder.
2. Save the workbook as **E-5 Top 5 Salaries** to **The Dream Team** folder.
3. Change the header of the spreadsheet to the following: Top 5 Player Salaries.
4. Delete the entire row that contains the Average Salary.
5. Sort the spreadsheet by Salary from highest to lowest.
6. Delete all of the rows that do not contain the top five salaries.
7. Create a pie chart to show a comparison by last name of the top five paid players and their salaries.
8. Enter the chart title as: Top 5 Salaries.
9. Display the legend to the right of the chart.
10. Show values (salary amounts) for data labels.
11. Resize the chart so that the data and the chart both fit on the page.
12. Carefully proofread your work for accuracy.
13. Resave the file.
14. Print a copy of the document if required by your instructor.

Review the spreadsheet created by Joe Gendron for assistance with this project.
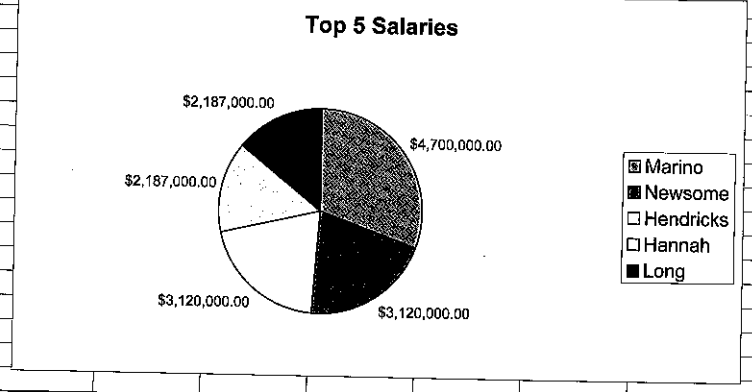
On the Field with Joe Gendron

After researching some of the highest paid players in the league, Joe realized his top five players are paid right at the league's average salary. With increased ticket sales and more corporate sponsors, Joe is hopeful to be able to keep these stars at their salary rate. The Top 5 Salaries spreadsheet that Joe Gendron created for the Birmingham Bulldogs is shown below.

Top 5 Player Salaries

	A	B	C	D	E	F	G
1	First Name	Last Name	Position	Height	Weight	Uniform #	Salary
2	Dan	Marino	QB	6' 4"	218	13	$4,700,000.00
3	Ozzie	Newsome	TE	6' 2"	232	82	$3,120,000.00
4	Ted	Hendricks	LB	6' 7"	220	83	$3,120,000.00
5	John	Hannah	OL	6' 2"	265	73	$2,187,000.00
6	Howie	Long	DL	6' 5"	268	75	$2,187,000.00
7							
8							

Top 5 Salaries

$2,187,000.00
$4,700,000.00
$2,187,000.00
$3,120,000.00
$3,120,000.00

- Marino
- Newsome
- Hendricks
- Hannah
- Long

Use Joe Gendron's spreadsheet as a guide to help create your own. Do not duplicate Joe's work.

The DREAM Team