

Quarterback Statistics

INPUT DATA

	A	B	C	D	E	F	G
1	Activity 28 Student Name						
2	NFL® 2009 Quarterback Statistics						
3							
4							
5	RANK	PLAYER	TEAM	YDS	ATT	CMP	PCT
6							
7	1	Matt Schaub	Houston Texans	4770	583	396	
8	2	Peyton Manning	Indianapolis Colts	4500	571	393	
9	3	Tom Brady	New England Patriots	4398	565	371	
10	4	Drew Brees	New Orleans Saints	4388	514	363	
11	5	Brett Favre	Minnesota Vikings	4202	531	363	
12	6	Aaron Rodgers	Green Bay Packers	4434	541	350	
13	7	Tony Romo	Dallas Cowboys	4483	550	347	
14	8	Kurt Warner	Arizona Cardinals	3753	513	339	
15	9	Ben Roethlisberger	Pittsburgh Steelers	4328	506	337	
16	10	Jay Cutler	Chicago Bears	3666	555	336	
17	11	Kyle Orton	Denver Broncos	3802	541	336	
18	12	Jason Campbell	Washington Redskins	3618	507	327	
19	13	Eli Manning	New York Giants	4021	509	317	
20	14	Philip Rivers	San Diego Chargers	4254	486	317	
21	15	Joe Flacco	Baltimore Ravens	3613	499	315	
22	16	David Garrard	Jacksonville Jaguars	3597	516	314	
23	17	Matt Hasselbeck	Seattle Seahawks	3029	488	293	
24	18	Carson Palmer	Cincinnati Bengals	3094	466	282	
25	19	Chad Henne	Miami Dolphins	2878	451	274	
26	20	Matt Cassel	Kansas City Chiefs	2924	493	271	
27	21	Donovan McNabb	Philadelphia Eagles	3553	443	267	
28	22	Matt Ryan	Atlanta Falcons	2916	451	263	
29	23	Alex Smith	San Francisco 49ers	2350	372	225	
30	24	Matthew Stafford	Detroit Lions	2267	377	201	

Source: www.nfl.com/stats

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New Skills

1. Change cell shading.

Activity Overview

Statistics play an important role in any sport. They are used in evaluating team performance as well as the performance of individual players. Football statistics are very simple to understand and compute.

The following activity illustrates how spreadsheets can be used to compute the completion percentage of NFL® quarterbacks during the 2009 season. In this activity, you will be applying cell shading to enhance the appearance of a spreadsheet.

Instructions

1. Create a NEW spreadsheet.
- ★ *Unless otherwise stated, the font should be 10 point Arial.*
2. Type the data as shown.
3. Bold cell A2 and change the font size to 16 point.
4. Format the width of columns B and C to 20.0 and left align.
5. Center align cells A5 – A30 and cells D5 – G30.
6. Compute the formula for the first player's PCT (Completion Percentage) as follows:
 - a. $PCT(\text{Completion Percentage}) = \frac{CMP}{ATT} (\text{Completed Passes} / \text{Attempted Passes})$ → In cell G7, type
7. Use the AutoFill feature to copy the formula down for PCT for the remaining players.
8. Format cells G7 – G30 as percentages displaying 1 decimal place.
9. Change the shading for cells A5 – G5 to light gray.
10. Bold row 5.
11. Display formulas in your spreadsheet by using <CTRL> + ` to check for accuracy.
12. Carefully proofread your work for accuracy.
13. Save the spreadsheet as QUARTERBACK STATISTICS.
14. Analyze the changes made to the data in the spreadsheet.
15. Set the Print Area to include all cells containing data in the spreadsheet.
16. Print Preview and adjust the Page Setup so that the spreadsheet fits on one page.
17. Print a copy of the spreadsheet if required by your instructor.

NEW SKILL ►

