

Summarizing Data Using Tabulate

The Tabulate platform provides a tool to interactively construct tables of descriptive statistics.

Drag and Drop to Summarize Data

- From an open JMP^{*} data table select **Analyze > Tabulate**.
- Drag and drop variables from the column list to the drop zone for rows and columns.
 - Country (below, left) is in the rows drop zone the number of observations per country is displayed.
 - Horsepower (middle) is in the columns drop zone as an analysis column – the sum for horsepower is displayed for each country.
- Drag and drop one or more summary statistics from the middle panel into the results area. Mean and Std Dev are displayed for each country (below, right).

Car Physical Data.jmp (Help > Sample Data Folder)

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u use the interactive table, drive interactive table, drive a drop zone. Recall Start Over D * 8 Columns & Model & Country & Veight d Uruning Circle Displacement Horsepower Freq Page Column Page Column	ag and drop columns or	Drop zone for rows	Drop zone for columns
Include missing for group Order by count of group Add Aggregate Statistics Default Statistics Change Format	oing columns		



Tips:

- Click Undo to reverse the last change, or use Start Over to clear the display.
- Click and drag variables in the table to rearrange, or right-click on a variable to delete or change the format.
- To change the numeric formats (i.e., decimal places), use **Change Format** at the bottom of the window and select the desired format.
- To add **new summary panels** to the table, drag and drop the new variable to the bottom or left of the table. Here, Type has been added to the bottom of the original table.
- To add additional row or column variables, drag and drop a new variable on either side of the current variable in the table. Here, Type has been added next to Country and Horsepower has been added next to Weight.
- To create a data table, click **Done**, then select **Make Into Data Table** from the **top red triangle**.

	\sim	Weight 🤇		Horsepower		
Country	Туре	Mean	Std Dev	lviean	Sta Dev	
Japan	Sporty	2690.00	444.43	129.60	36.81	
	Small	2196.43	337.17	87.14	23.98	
	Compact	2925.00	182.55	127.33	22.03	
	Medium	3559.17	334.64	199.33	52.24	
	Large	3506.25	256.66	125.25	22.20	
Other	Sporty	2635.00	263.63	134.50	31.37	
	Small	2243.75	141.29	87.33	12.43	
	Compact	2855.00	137.86	130.50	20.49	
	Medium	3159.38	248.98	143.63	34.77	
	Large	3460.00		90.00		
USA	Sporty	2988.64	226.15	145.91	52.44	
	Small	2401.67	138.95	98.67	12.50	
	Compact	2701.43	178.65	114.14	22.49	
	Medium	3282.19	303.74	140.13	33.29	
	Large	3724.17	301.01	148.75	21.86	

Country

Japan Other

USA

Туре

Sporty

Small

Large

Compact

Medium

Horsepower

Std Dev 50.28

32.49

36.36

42.86

16.62

21.63

43.54

26.25

Mean

132.83

118.68

137.29

137 56

88.82

124.86

152.90

139.76

Visit **Basic Analysis > Tabulate** in **JMP Help** to learn more.