

Changing the Size of Scatter Plot Points

Use relplot() and the mpg DataFrame to create a scatter plot with 'horsepower' on the x-axis and 'mpg' on the y-axis. Vary the size of the points by the number of cylinders in the car ('cylinders').

Full Answer

The following code creates a scatter plot using relplot() and varies the size of the points based on the number of cylinders in the car ('cylinders'). Below is the working code:

Code Explanation

- 1. Import seaborn and matplotlib.pyplot for data visualization.
- 2. Use sns.relplot() to create a scatter plot with:
 - 'x' set to 'horsepower' to represent the engine power on the x-axis.
 - 'y' set to 'mpg' to represent the fuel efficiency on the y-axis.
 - 'size' set to 'cylinders' to vary the size of the scatter plot points.
 - 'data' set to mpg, the DataFrame containing the data.
 - 'kind' set to 'scatter' to generate scatter plots.
 - 'sizes' set to (10, 200) to control the range of point sizes.
- 3. Use plt.show() to render and display the plot.