

Plotting Subgroups in Line Plots

Use relplot() and the mpg DataFrame to create a line plot with 'model\_year' on the x-axis and 'horsepower' on the y-axis. Turn off the confidence intervals on the plot.

## ### Full Answer ###

To create a line plot without confidence intervals, set the parameter 'ci' to 'None'. Below is the working code:

# Show plot plt.show()

## ### Code Explanation ###

- 1. Import seaborn and matplotlib.pyplot for creating visualizations.
- 2. Use sns.relplot() to create a line plot with:
  - 'x' set to 'model year' for the year the car model was produced.
  - 'y' set to 'horsepower' for the engine power.
  - 'kind' set to 'line' to generate a line plot.
  - 'ci' set to 'None' to turn off the confidence intervals.
  - 'data' set to mpg, the DataFrame containing the data.
- 3. Use plt.show() to render and display the plot.