

The plot displays three distinct data series, each with a fitted linear regression line and a shaded confidence interval. The x-axis, labeled 'hp', ranges from 0 to 350. The y-axis is unlabeled. The compact class (red) shows a negative correlation, while the midsize (green) and full-size (blue) classes show a positive correlation.

| Class            | hp  | mpg |
|------------------|-----|-----|
| compact (red)    | 50  | 26  |
|                  | 60  | 33  |
|                  | 60  | 31  |
|                  | 60  | 24  |
|                  | 60  | 21  |
|                  | 90  | 20  |
|                  | 90  | 19  |
|                  | 90  | 17  |
|                  | 110 | 19  |
|                  | 110 | 18  |
| midsize (green)  | 105 | 16  |
|                  | 110 | 17  |
|                  | 110 | 16  |
|                  | 120 | 17  |
|                  | 120 | 15  |
|                  | 140 | 15  |
|                  | 140 | 14  |
| full-size (blue) | 170 | 26  |
|                  | 170 | 25  |
|                  | 170 | 24  |
|                  | 170 | 23  |
|                  | 170 | 22  |
|                  | 170 | 21  |
|                  | 170 | 20  |
|                  | 205 | 15  |
|                  | 215 | 15  |
|                  | 230 | 18  |
|                  | 240 | 17  |
|                  | 240 | 16  |
| 260              | 19  |     |
| 340              | 18  |     |

