# bIzToRy

View Specific Values – Assignment

**Basic**

I'm interested in buying a new car. Of course I would like to use my Tableau skills to analyze what my best choice would be. I don't want to make a hasty decision, so let's compare some styles and brands to find the best fit for me.

Try to create the following **2** visualizations:
- Show all the **styles** and **brands** by using both **color and size** in a heat map. The color and size is being controlled by the **Average Price**.
  Choose a proper color palette to indicate that a high price is bad!
  Don't forget about the following:
  - The marks can't be too small
  - Show all labels
- Duplicate your heat map as a **crosstab**.
  Try to show the **grand total** for each brand. Make sure this table is readable for all our user by changing its size to **entire view**

## 1. Avg price per Brand & Style

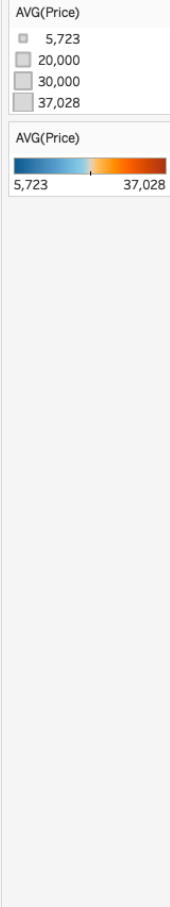| Brand | convertible | hardtop | Style hatchback | sedan | wagon |
|---|---|---|---|---|---|
| alfa-romero | 14,998 | | 16,500 | | |
| audi | | | | 17,647 | 18,920 |
| bmw | | | | 26,119 | |
| chevrolet | | | 5,723 | 6,575 | |
| dodge | | | 7,820 | 7,620 | 8,921 |
| honda | | | 7,054 | 9,945 | 7,295 |
| isuzu | | | 11,048 | 6,785 | |
| jaguar | | | | 34,600 | |
| mazda | | | 10,085 | 11,464 | |
| mercedes-benz | 35,056 | 36,788 | | 33,074 | 28,248 |
| mercury | | | 16,503 | | |
| mitsubishi | | | 9,598 | 8,434 | |
| nissan | | 8,249 | 14,409 | 8,605 | 9,916 |
| peugot | | | | 15,759 | 15,018 |
| plymouth | | | 8,131 | 7,151 | 8,921 |
| porsche | 37,028 | 33,278 | 22,018 | | |
| renault | | | 9,895 | | 9,295 |
| saab | | | 15,013 | 15,433 | |
| subaru | | | 6,591 | 9,071 | 9,342 |
| toyota | 17,669 | 9,762 | 9,616 | 9,542 | 9,836 |
| volkswagen | 11,595 | | 9,980 | 9,674 | 12,290 |
| volvo | | | | 18,727 | 16,293 |

AVG(Price)
- 5,723
- 20,000
- 30,000
- 37,028

AVG(Price)
5,723     37,028

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## 2. Avg price per Brand & Style details

| Brand | convertible | hardtop | Style hatchback | sedan | wagon | Grand Total |
|---|---|---|---|---|---|---|
| alfa-romero | 14,998 | | 16,500 | | | 15,498 |
| audi | | | | 17,647 | 18,920 | 17,859 |
| bmw | | | | 26,119 | | 26,119 |
| chevrolet | | | 5,723 | 6,575 | | 6,007 |
| dodge | | | 7,820 | 7,620 | 8,921 | 7,875 |
| honda | | | 7,054 | 9,945 | 7,295 | 8,185 |
| isuzu | | | 11,048 | 6,785 | | 8,917 |
| jaguar | | | | 34,600 | | 34,600 |
| mazda | | | 10,085 | 11,464 | | 10,653 |
| mercedes-benz | 35,056 | 36,788 | | 33,074 | 28,248 | 33,647 |
| mercury | | | 16,503 | | | 16,503 |
| mitsubishi | | | 9,598 | 8,434 | | 9,240 |
| nissan | | 8,249 | 14,409 | 8,605 | 9,916 | 10,416 |
| peugot | | | | 15,759 | 15,018 | 15,489 |
| plymouth | | | 8,131 | 7,151 | 8,921 | 7,963 |
| porsche | 37,028 | 33,278 | 22,018 | | | 31,401 |
| renault | | | 9,895 | | 9,295 | 9,595 |
| saab | | | 15,013 | 15,433 | | 15,223 |
| subaru | | | 6,591 | 9,071 | 9,342 | 8,541 |
| toyota | 17,669 | 9,762 | 9,616 | 9,542 | 9,836 | 9,886 |
| volkswagen | 11,595 | | 9,980 | 9,674 | 12,290 | 10,078 |
| volvo | | | | 18,727 | 16,293 | 18,063 |