



COMP 150: Beginner Pandas Lab

Week 08, Lab 05



Lab 05: Intro to Pandas

1. Begin a new colab notebook

- Name it COMP150_lab06_<your_username>.ipynb
- Download the provided CSV from Sakai
- Upload this CSV into your notebook's local storage

2. Required steps:

- `import pandas`
- Open the CSV as a dataframe: `pandas.read_csv("filename")`
- Print the columns of the dataframe
- Use `"describe()"` to show basic information about the columns in the dataframe
- Get the minimum and maximum value of the MSRP column
- Get all of the unique() values from the Make column

3. Challenges:

- Filter on the Make column. Get the mean and maximum MSRP value of Volvo and Volkswagen.
- Get the average MSRP of manual vehicles vs the average MSRP of automatic vehicles (hint: filter twice)
- Use a for loop to go over each Make, and print the minimum, mean, and maximum MSRP values
- Use a for loop to go over each Make, and indicate if that Make produced manual vehicles since 2010