Data Science: Tools & Process
Week 4 (Module 5!)

Agenda

- **Announcements**
  - Today's Lecture is on Module 5. Next Week's lecture is on Module 3.
  - The .py scripts must run without error and produce the requested results
- **Topic: pandas.DataFrame intro**
  - L05-A-1-Dataframes.py
- **Quiz: Lesson 05 Quiz 0a: pandas.DataFrame Intro**
- **Topic: pandas.DataFrame csv**
  - L05-A-2-DataframesCSV.py
- **Break**
- **Topic: pandas.DataFrame EDA**
  - L05-B-1-PandasEDA.py
- **Quiz: Lesson 05 Quiz 0b : pandas.DataFrame CSV**
- **Topic: pandas.DataFrame numeric analysis**
  - L05-B-2-NumpyPandas.py
- **Break**
- **Topic: pandas.DataFrame missing values**
  - L05-B-3-NumpyPandasEDA.py
  - L05-B-4-PandasNaN.py
- **Quiz: Lesson 05 Quiz 0c: pandas.DataFrame Missing Values**
- **End of Class**
- **Home Assignment: Lesson 05 Assignment, Lesson 05 Quiz 1, Lesson 05 Quiz 2**

pandas Data Frame intro

- Files for Lab:
  - L05-A-1-Dataframes.py

Lesson 05 Quiz 0a

Lesson 05 Quiz 0a: pandas.DataFrame Intro

pandas Data Frame CSV

- Files for Lab:
  - L05-A-2-DataframesCSV.py

Break

Break

pandas Data Frame EDA

- Files for Lab:
  - L05-B-1-PandasEDA.py

Lesson 05 Quiz 0b

Lesson 05 Quiz 0b : pandas.DataFrame CSV

pandas Data Frame CSV

- Files for Lab:
  - L05-B-2-NumpyPandas.py

Break

Break

pandas Data Frame CSV

- Files for Lab:
  - L05-B-3-NumpyPandasEDA.py
  - L05-B-4-PandasNaN.py

Lesson 05 Quiz 0c

Lesson 05 Quiz 0c: pandas.DataFrame
Missing Values

Lesson 05 Assignment

- Assignments:
  - Quiz 1
  - Quiz 2
  - Lesson 05 Assignment