Pandas introductory course:

**INTRODUCTION:**

- installing pandas

- pandas series

- pandas DataFrame

- reading data from a file

- viewing data (head, tail, shape, info, list column names)

- outputting files

**DATA CLEANING:**

- missing values (check, count, remove)

- duplicates

- rename columns

- add/remove columns and/or rows (drop, iloc, loc)

- strip function

**DATA MANIPULATION:**

- selection operation

- standardizing/formatting column values using replace

- standardizing/formatting column values using apply

- splitting columns

- filtering down rows of data

- groupby function

**MULTIPLE DATAFRAMES:**

- concatanting two dataframes

- merge function (merging based on a mutual column)

**resources**:

- https://www.youtube.com/watch?v=CIQJtJ38-hI

- https://www.youtube.com/watch?v=bDhvCp3\_lYw

- https://www.datacamp.com/tutorial/pandas

- https://coursera.pxf.io/BXY3Wy

- https://bit.ly/3KHMLlu

- https://leetcode.com/studyplan/30-days-of-pandas/