Common Python (PANDAS) commands

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| import pandas as pd |  |
| import numpy as np |  |
| import seaborn as sns |  |
| import matplotlib.pyplot as plt |  |
| df = pd.read\_csv("dfname.csv") | Import a csv file |
| df.head(x) | Displays the top x rows of data |
| df.tail(x) | Displays the last x rows of data |
| df.describe() | Gives a summary of the data, along with mean, corr, std etc |
| df.dtypes | Gives the type of data for each row |
| df.info() | Summary of the columns and data types |
| Df.isnull().sum() | Shows blanks or NAs etc in data frame |
| df.to\_csv('dfname.csv') | Saves the df with a name chosen |
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| df['Year'] = df['year'].dt.year | Adds a new column called Year using year data but as year only |
| df['column'].unique() | Lists the answers in the relevant column |
| df[df[‘column’]=='x'] | Lists the row where the answer is ‘x’ |
| df[df.isnull().any(axis=1)] | Shows all rows with one or more nulls |
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