

In [1]: **import** pandas **as** pd

import numpy as np

import seaborn as sns

avocado_mean.head()

import matplotlib.pyplot as plt

'{:.0%}.format(n) for n in...'

avocado mean = pd.read csv("path", index col=0, squeeze=True, parse dates=['Date'])

2015-01-04 1.301296 2015-01-11 1.370648 2015-01-18 1.391111 2015-01-25 1.397130 2015-02-01 1.247037

Name: AveragePrice, dtype: float64

Date

1) Suppose that Tolya likes avocados and decides to look at the price dynamics of this product in the US. There is the following data set from the Hass Avocado Board 🥑: Date - date.

4770 - number of avocados sold PLU 4770 Total Bags - Total Bags Small Bags - small bags Large Bags - large XLarge Bags - very large Type - Regular or Organic year - year Region

AveragePrice is the average price of an avocado. Total Volume - number of avocados sold 4046 - number of avocados sold PLU 4046 4225 - number of avocados sold PLU 4225

observations differing in terms of type of avocado and region of sale. Suppose we are not interested in this separation, so the avocado_mean records the aggregated data, where:

- the city or region of the destinationPLU - product lookup code *Dataframe does not contain data for each day, but for the end of each week. For each date, there are several

import plotly.express as px