



COLUMBIAN MILDS COFFEE PRICE PREDICTION

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IDEA & METHODOLOGY

Predict price of green Colombian mild coffee beans, based on weather (temperature, humidity, wind speed, pressure, cloud cover and hours of sun in a day), currency rates and price of other milds in countries, that produce coffee.

- Step 1** - Coffee research, data selection, extracting and combining.
- Step 2** - Data preprocessing (normalization, dealing with missing values, feature selection)
- Step 3** - Selecting the model (linear regression), visualizing the results

DATA EXTRACTION

Data was extracted from many sources, including API, open data, pdfs and excel documents. Main sources include:

Daily coffee prices 01-08-2017 to 02-11-2018 - International Coffee Organization (ICO). **Daily currency rates to USD** - <https://apilayer.com/>.

Daily historical weather data -

<https://www.worldweatheronline.com/developer/api>. **Countries coffee production** - ICO (Brazil, Vietnam, Colombia, Indonesia, Ethiopia, Honduras, India, Uganda, Mexico, Guatemala, Peru, Nicaragua)

RESULTS

Natural Body Scrub
150ml | 5.07oz

