CASE: World Happiness Report

Example Knime Workflow to demonstrate the import of data from a Github
Repository

Pre/processing:- select specific colums/features
- sort data + export to local excel file
Analysis: - by descriptive stats
- by visualizing/plots
Modeling: - by linear/polynomial Regression
- export generated model

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Visualization and Stats

**Scatter Matrix
(local)**

Draw Scatter Plot

Box Plot (local)

Draw Box Plot

Statistics

Calculate Descriptive Statistics

CSV Reader

Read Data from Github Repo

Column Filter

Select Features/Variables

Regression / Model Training

**Linear Regression
Learner**

Train LinearRegression Model

PMML Writer

Write Model into local PMML File

**Polynomial
Regression Learner**

Train PolyRegression Model

Data Preprocessing / Export

Sorter

Sort by Column

Excel Writer

Write Data into local Excel File