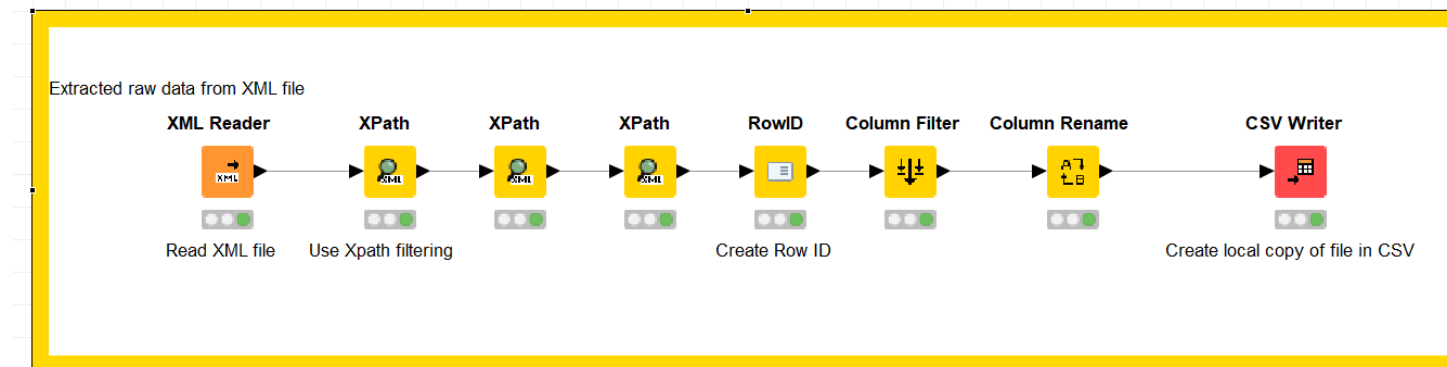
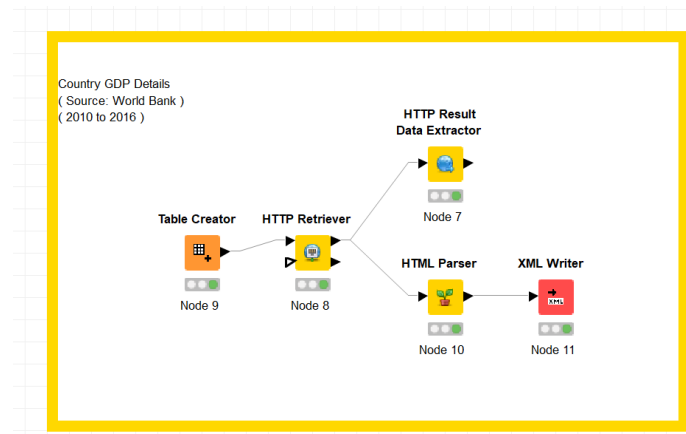


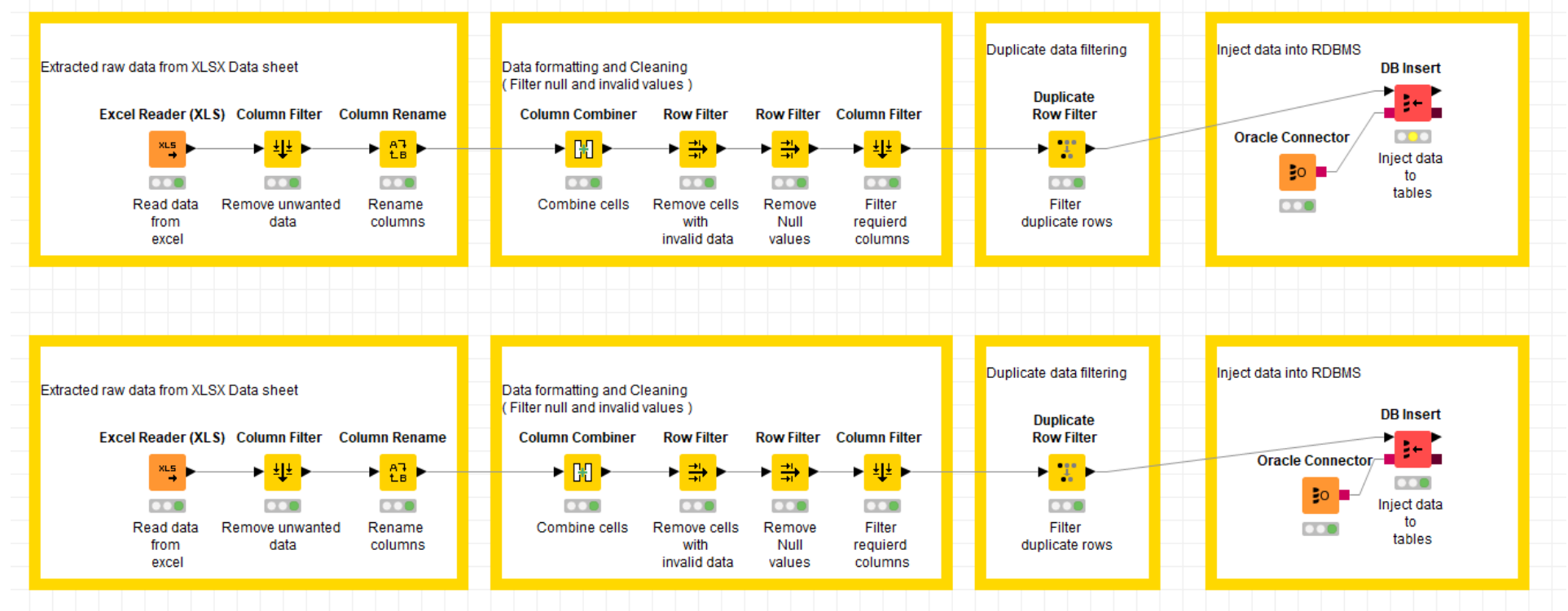
Data Extraction:

Extracted raw data from required sources (using HTTP retriever) and created a local copy (in XML and Excel format):



ETL:

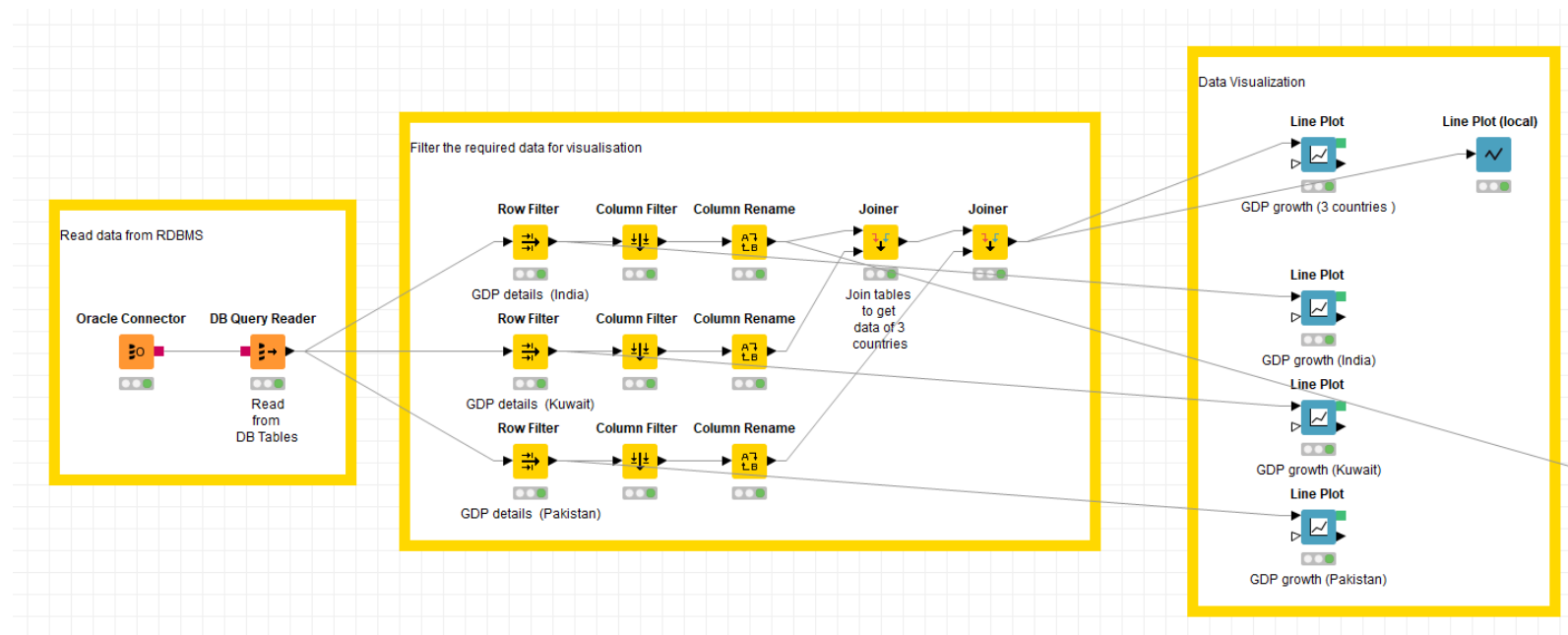
Read data from source files and done some basic Formatting / Filtering and insert the formatted data to Oracle DB:

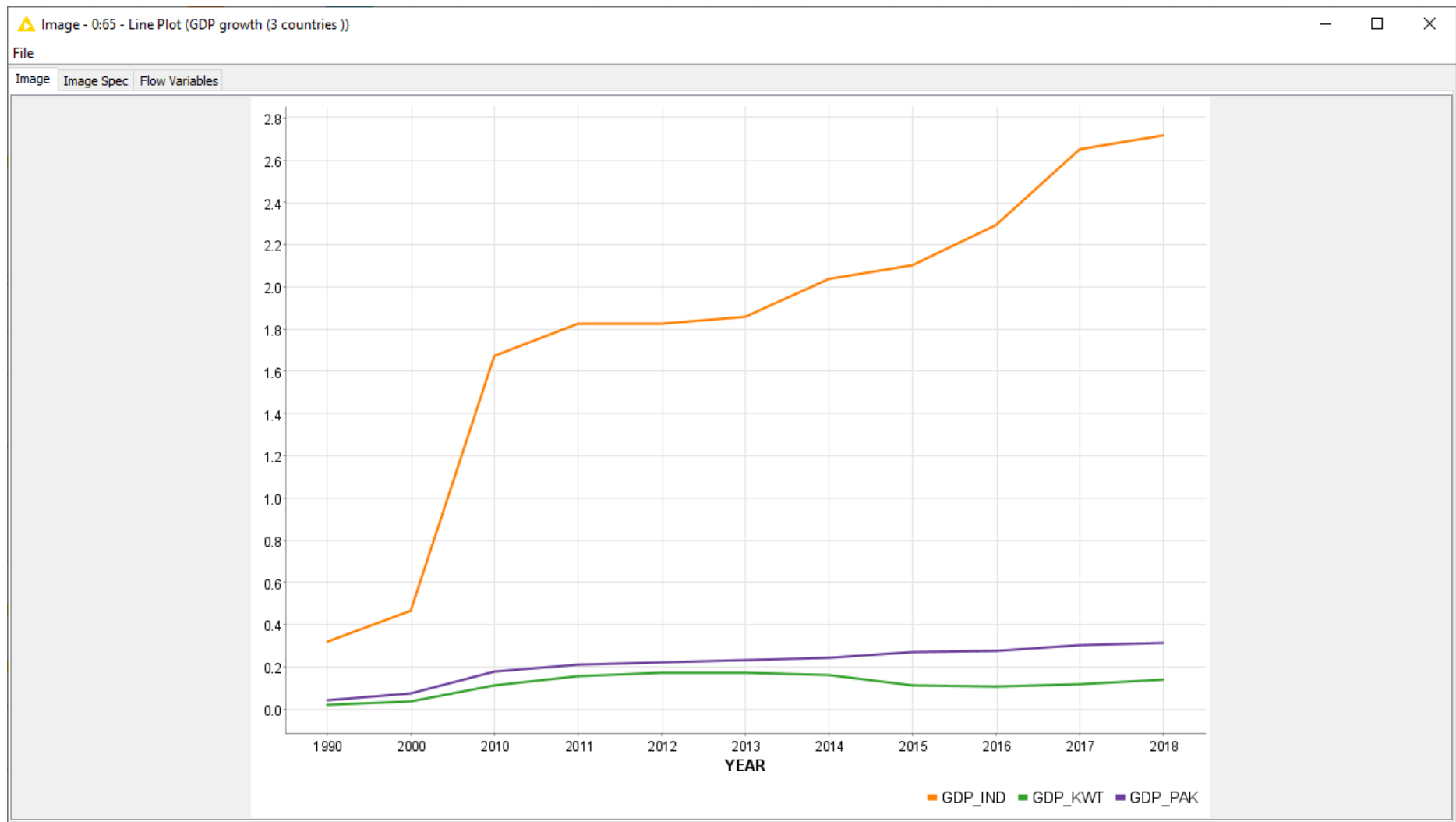


Data Visualization:

Filter & Format the data and visualize the data through different plots:

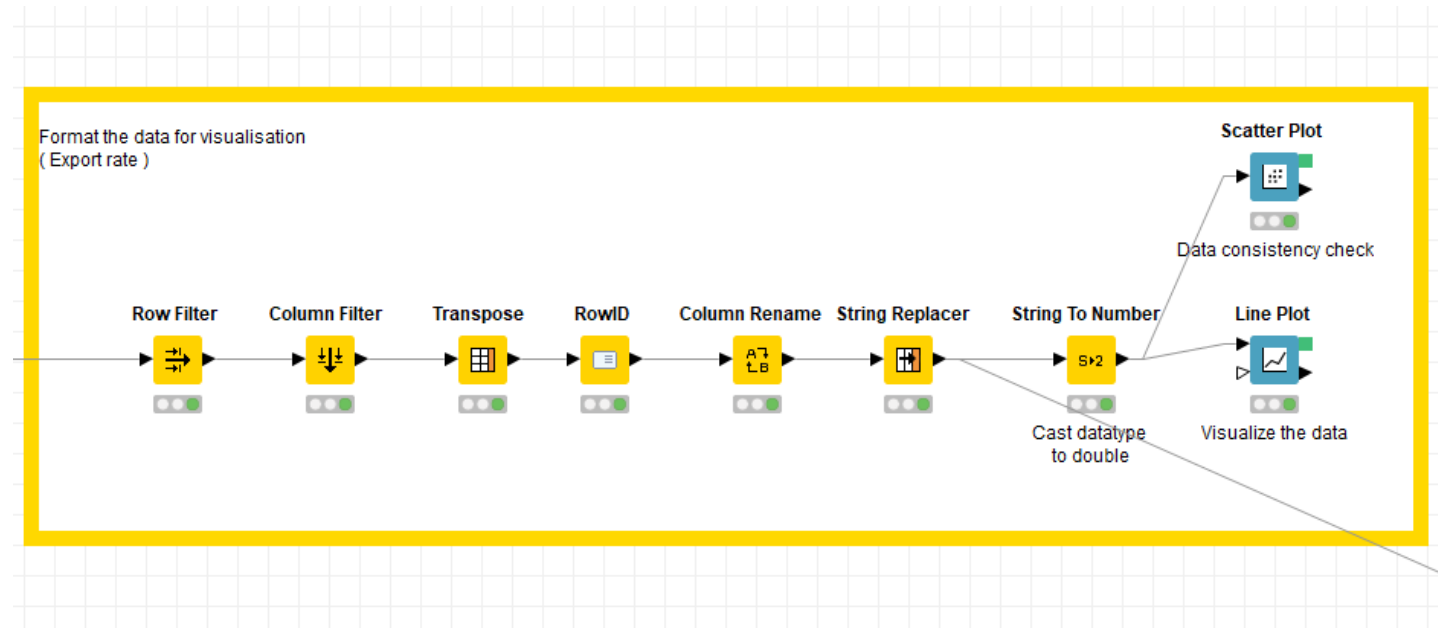
Compare **GDP rate** of 3 countries:





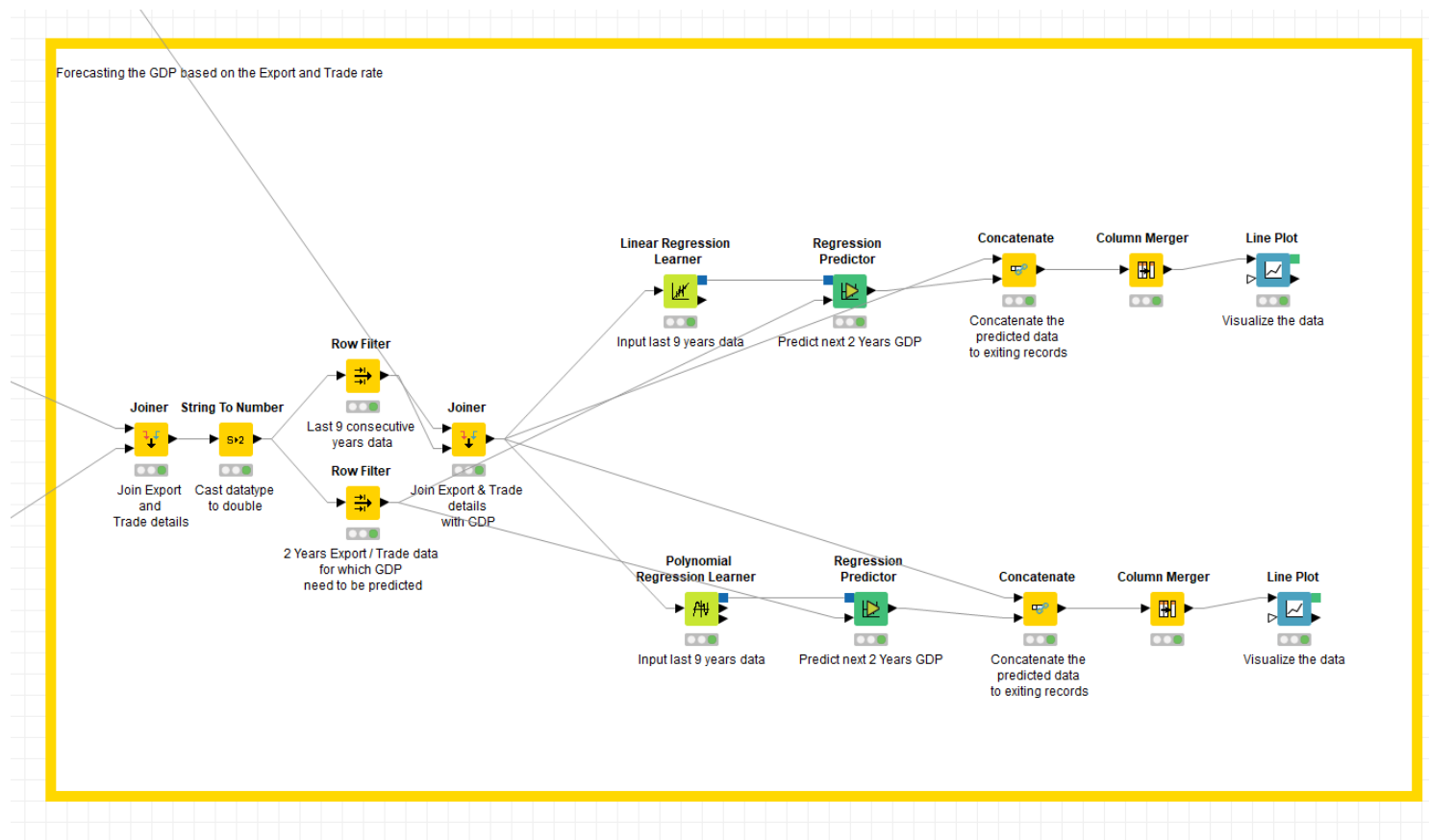
Get additional few factors that affects GDP (E.g. **Export rate**, **Trade rate**) and visualize the data to find insights.

This will help to forecast the GDP rates.



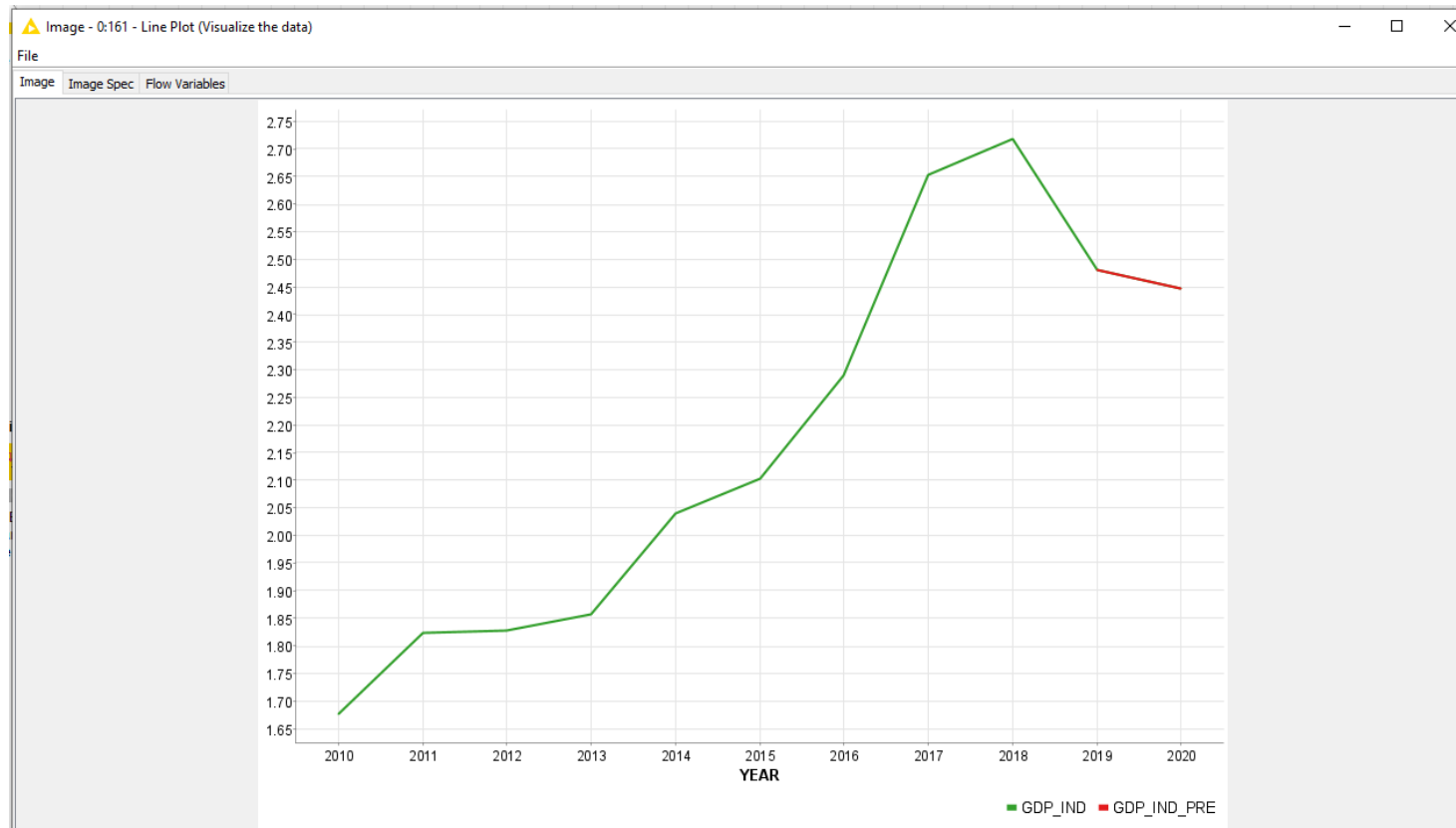
Predicting / Forecasting (Using Linear regression / Polynomial regression):

Considering the **GDP** as **dependent variable** and **Export rate** and **Trade rate** as **independent variables**



Line plot (Prediction using **linear regression**):

(Red line indicates the predicted GDP rates)



Line plot (Prediction using **Polynomial regression**):

(Red line indicates the predicted GDP rates)

