

Backend

The users inputs (target country and target MEV) will be used to retrieve the cluster the target belong to and the list of countries within the same cluster that exhibit high correlation

Country	C1	C1	C3	C4	UK
Corr	0.8	0.82	0.9	0.95	0.84

Granger Causality test to filter out countries with weak predictive power toward our target country / MEV

Using Facebook Prophet:

- Predict n years of MEV for countries (missing projection):
 - C1
 - C2
 - C3
 - C4
- The result of prediction merged with user provided projection
- The results then are used predict target country's MEV one step a time

End user screen

- Target Country: canada
- Target MEV: GDP
- Available inputs:
 - UK GDP:
 - Year1: 20T
 - Year2: 22T
 - Year3: 23T

Step by step approach:

- After:
- calculating the correlation & clusters
 - Sorting out weak predictive countries

