**ML Lab@BNR**

**Problem: uncertainty around climate change**

1. Climate change affect agriculture production
2. Inflation depends on agriculture production

**Objectives:**

1. Taming inflation using meteorological factors affecting agriculture production
2. Simulation of different scenarios
3. Forecasting the agriculture production using meteorological data
4. Prediction of inflation based on agriculture production

**Data source:**

1. Meteorological data.
2. Agriculture production from Agriculture survey
3. International data
4. WFP
5. US
6. EUROZONE

**What have been done:**

1. Gathered all the data (time series)
2. Data exploration and Cleaning
3. Preliminary simple correlation analysis

**What we need to achieve:**

1. Get neighboring countries data (EAC)
2. Get the causal inference from the variables
3. Explore the dynamics of crop yield
4. Get the dynamical correlation analysis

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