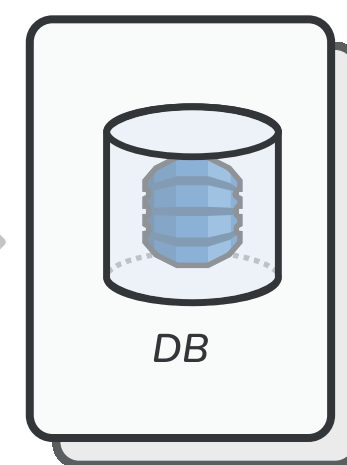
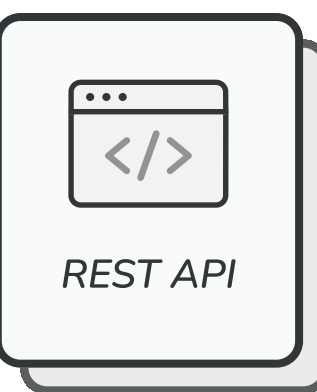
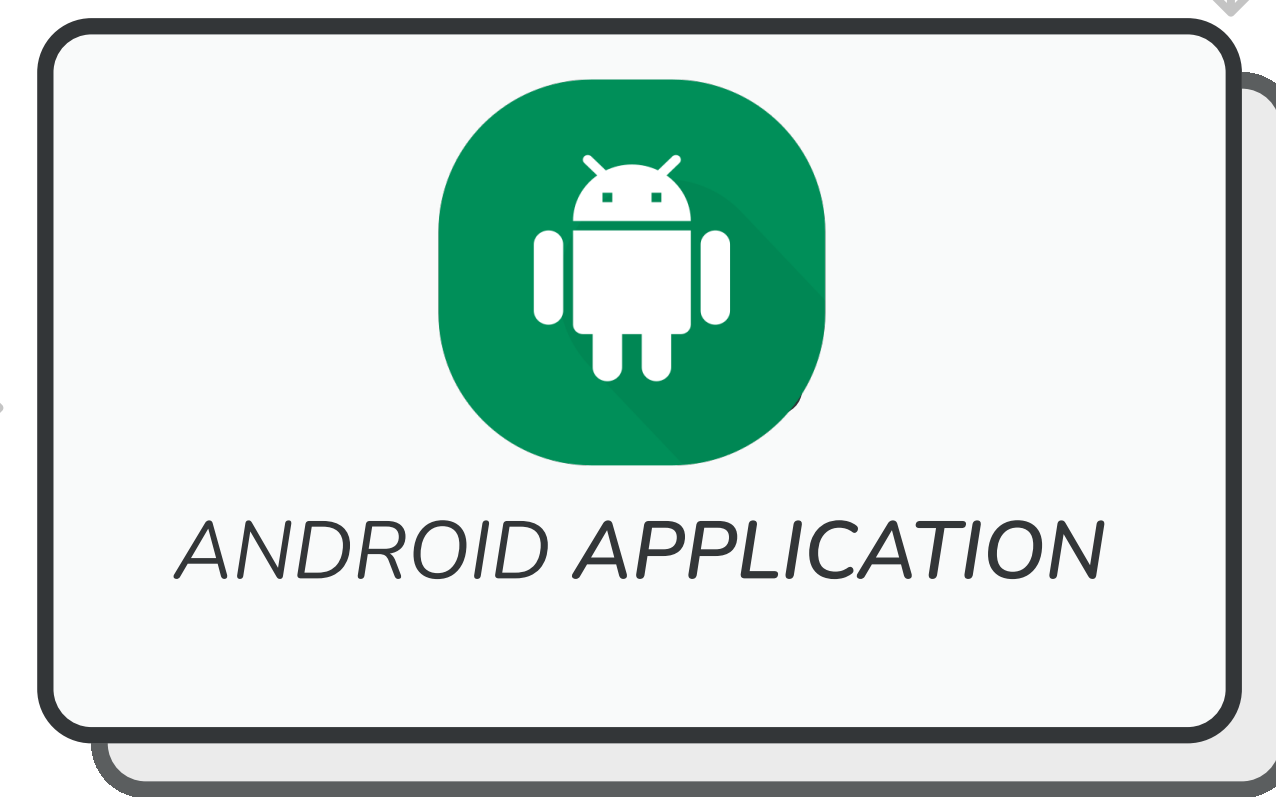
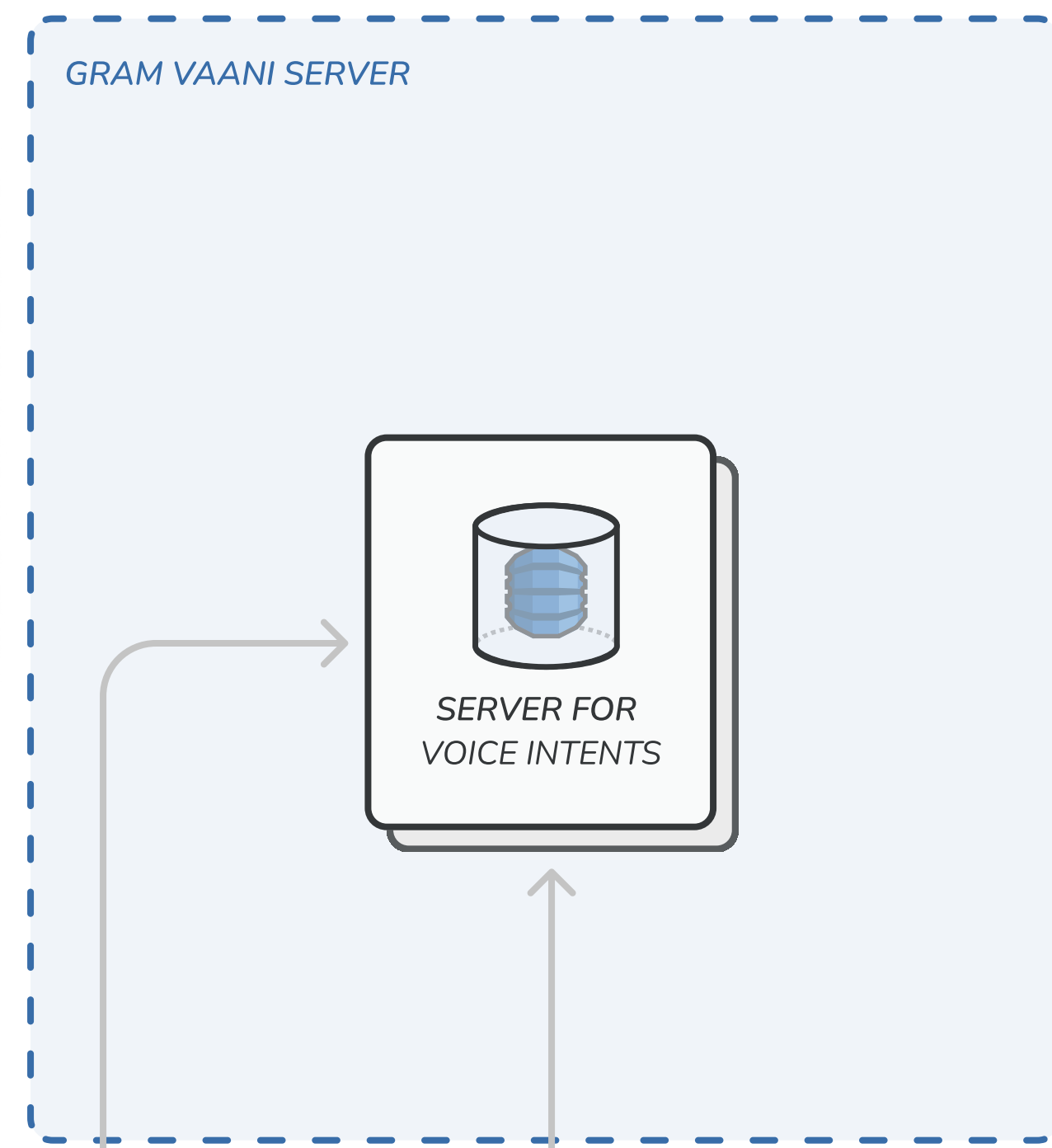


Data Analysis from graphs  
Offers a rate for the crops  
Receives response from farmers



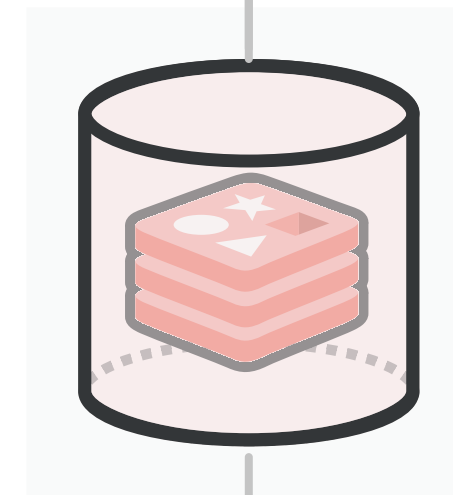
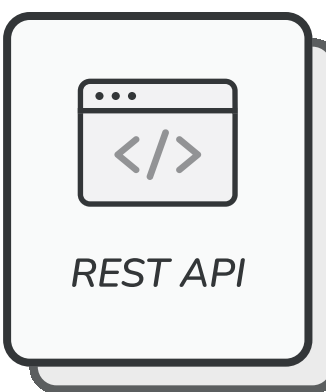
Voice messages  
through IVR phone calls

Graam Vaani Server - IVR :  
Triggering API Calls  
• Sending offers to Farmers  
• Farmers communicate with the field officers using IVR

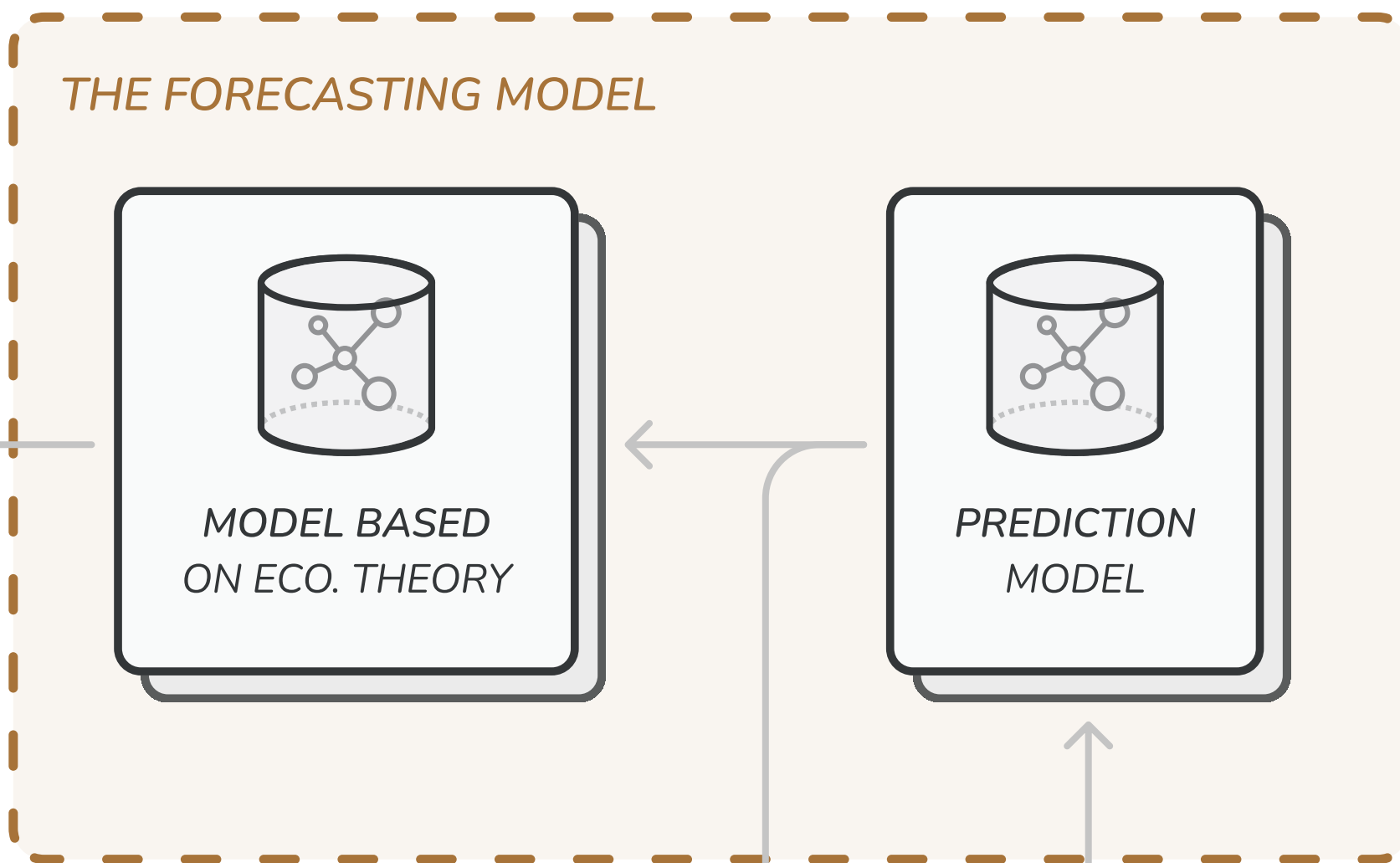


RECOMMENDED DAY  
TO SELL

FORECASTED PRICE DATA

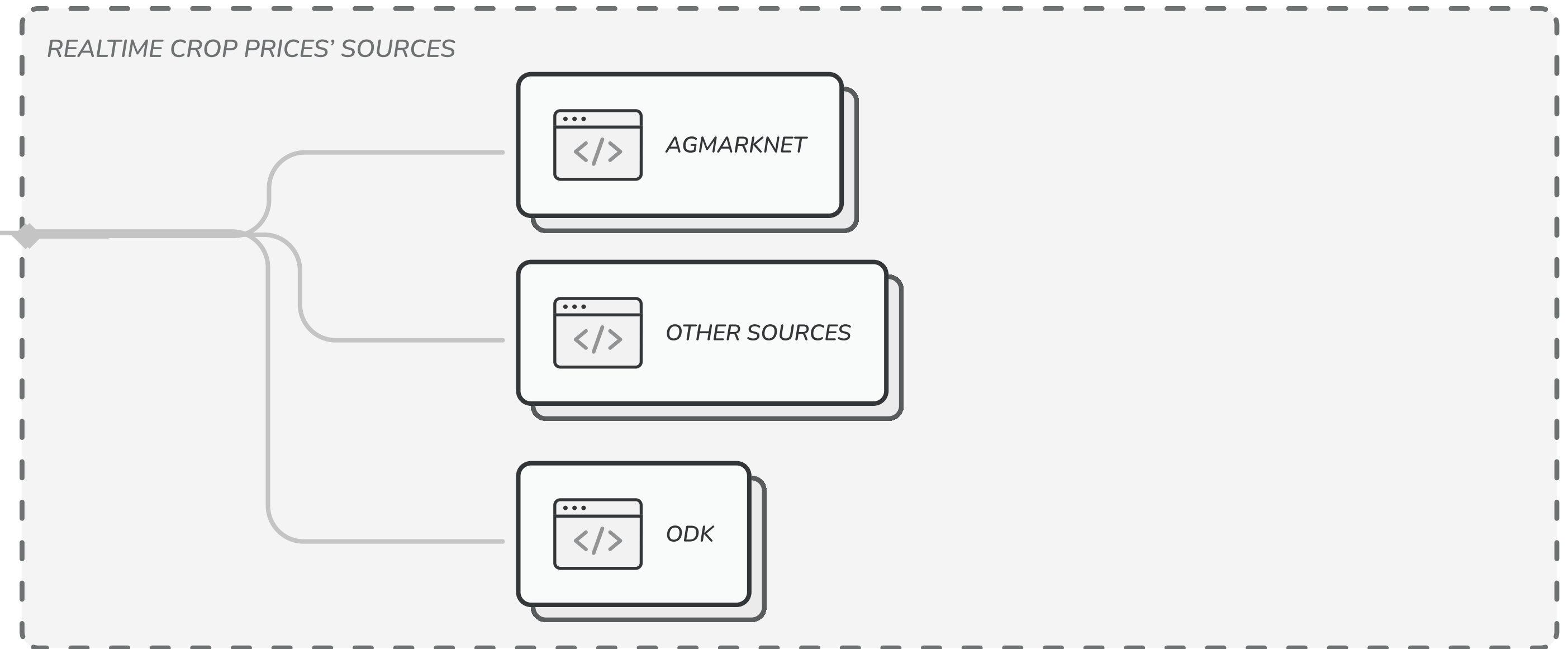


SELENIUM CRAWLER  
Crawler  
Triggering API calls to get  
realtime crop prices from  
Agmarknet and related  
sources



DATASETS FOR PREDICTION

extracting data from various sources



ML Model

Triggering API calls to get  
forecasted prices of crops  
from the model

Input :

- Takes in crawler data
- Prices offered by Competitors

Output :

- a range of discrete values for each day
- mean of this range
- probability of predicted price being above this mean
- best day to sell over the next 30 days