

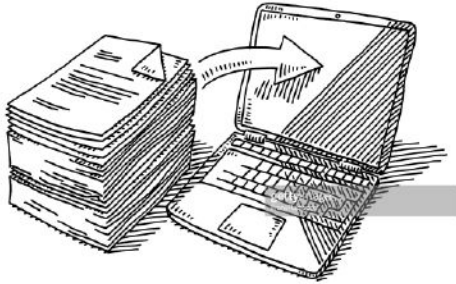


Muhammad
Paul
Bilal

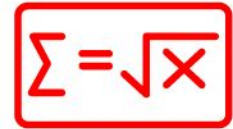
CHALLENGE

Think of a prototype and build a proof of concept of a system that proposes potential formulas given the fields with inputs/outputs.

Approach



FORMULA

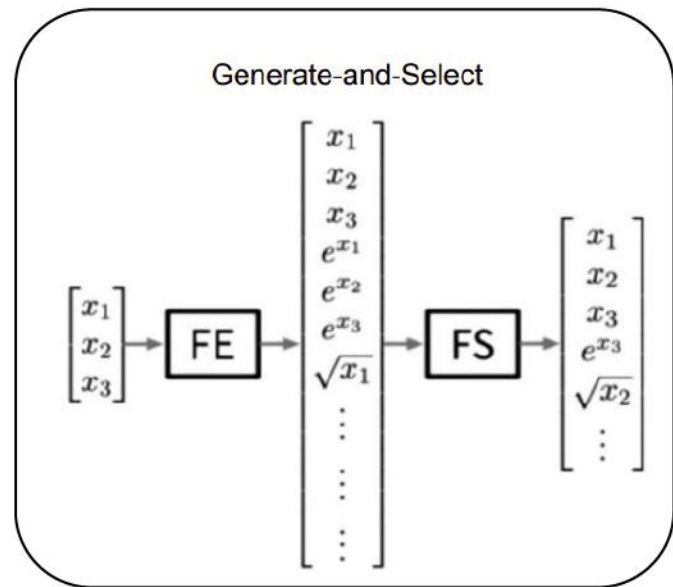


Auto Feature Engineering and Model Building to come up with equations

Approach

Handcrafted features

- Auto Feature Engineering
 - Generate hundreds of combination of input features
 - Select the Best ones
- Handcrafted features
- Model Training
 - Train the model
 - Use model prediction capability as confidence
- Extract Formulas from the ML model
 - Display the equations along with confidence scores





Prototype Demo

<https://momenator-life-aware-test-xzbbs5.streamlitapp.com/>

Thank you

