

# End to End ML Project 2 – Part 1

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## Problem Statement, Solution Design and EDA

# Problem Statement

- Build a Model to Predict Start-up Business Profits

R&D Spend	Administration	Marketing Spend	State	Profit
165349.2	136897.8	471784.1	New York	192261.83
162597.7	151377.59	443898.53	California	191792.06
153441.51	101145.55	407934.54	Florida	191050.39
144372.41	118671.85	383199.62	New York	182901.99

- Data Inputs

R&D Spend  
Administration  
Marketing Spend  
State

- Data Output

Profit

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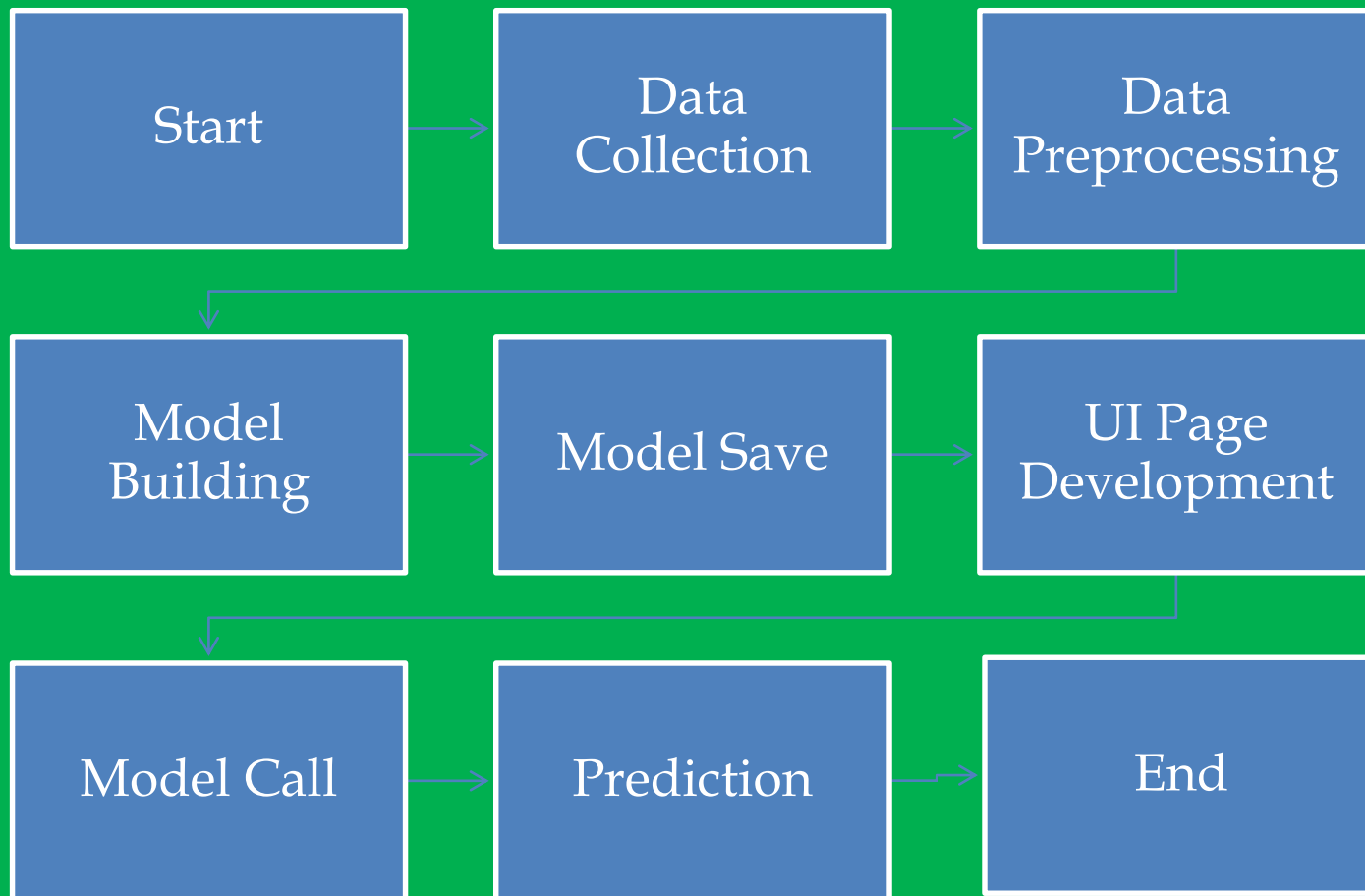
# Expectation

- Build the Model and Save it as pickle file
- UI page to enter the inputs and predict the Profit

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# Solution Design



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