Tasks For 1st Years

Regression

You need to buy a house for your parents. Being an expert Data Scientist you got some data points of the houses in your locality and now have to work on finding your parents their desired home.

However your parents are testing your knowledge and have told you to implement the model from scratch and not use any library for the algorithm.

Your parent's choice: 3 bedrooms, 2 floors and something built in 1982. Estimate and tell them the price of their choice.

Come up with a few insights as well.

Classification

Hired by an E-Commerce company, you're given a dataset comprising basic information of a person along with whether they purchased an item or not.

However your boss wants to test you and has told you to implement the classification algorithm from scratch. Now it's on you to show him what you can do.

They also want to test out a few values to get an idea of the market.

User ID--Age--EstimatedSalary

182283--21--42000

182284--19--10000

182285--36--93122

182286--32--23123

182287--48--67000

182288--62--32000