

Project #1 – Insurance Price

Your customer is Insurance company that would like to predict the most accurate health insurance price based on the data they collected about their patients.

Your task is to create a Python program that reads in needed info and predicts the best prices.

Project steps:

Part 1: Data preprocessing

- Importing the libraries and dataset
- Data exploration Dealing with missing values
- Encoding the categorical data
- Correlation matrix
- Splitting the dataset
- Feature scaling

Part 2: Building the ML Model after choosing minimum Error.

Part 3: Build desktop app: that read in the right data about patient and return the price!

Part 4 : Create a presentation to your customer taking about :

- Describe your Work steps.
- Add Charts that evaluate your job and your model performance and accuracy.
- What are the pros and cons of the model you suggest and deliver.
- Total working hours!
- Price offer and service agreement!