Health Insurance Charges Forecast

Hello Fellow Interns,

For your First Week, you're being requested to go through the dataset named "**Insurance charges**". This dataset is a 7 column data set, with attributes namely: age, sex (female, male), bmi (ideally 18.5 to 24.9), children (Number of children covered by health insurance), smoker(Yes/No), region (the beneficiary's residential area in the US, northeast, southeast, southwest, northwest) and charges which are individual medical costs billed by health insurance.
The dataset has only 160 examples and is provided along with the task description.

Your TASK:

1. To visualise some of the attributes of the dataset. Some of these attributes can be:
    - Age vs BMI
    - Region vs Charges

You can infer with these graphs the relationship between BMI and Smoker and how that has affected the insurance charges.
* Come up with more visualisations of your own,above is just an example*

2. Predict the cost of Health Insurance based on their Age.

Tools & Libraries you may need:
• Python
• Matplotlib, scikit-learn, pandas
• Jupyter Notebook

- Download the data provided.
- Now, you can start your work by opening a Jupyter notebook in Google Colab: https://colab.research.google.com/notebooks/intro.ipynb or Anaconda if you already have it pre installed on you PC.
- Load the data onto the notebook and you're good to go.

For any doubts contact Archi Agrawal: 9718661615

After you're done with your work show it to us and then post it on LinkedIn by tagging your mentor and Cureya Team.