Project started on 11/10/2024

Python Project – Medical insurance estimation project

**Project background:**

Python Lists: Medical Insurance Estimation Project

In this project, I will examine how factor such as age, sex, BMI, number of children, and smoking status contribute to medical insurance costs.

**Note**: while insurance companies do use BMI in their calculations, and that is reflected in this project, BMI is not necessarily an accurate predictor of health. As data scientists, we should always be skeptical of quantitative measures like BMI that reduce complex phenomena to a single number.

In this project I would show the use of Python Lists to store insurance cost data in a list as well as compare **estimated** insurance costs to **actual** insurance costs.

Let’s get started!

The Python script resolving this problem can be found in the same file.