

Insurance User Panel


Introduction

This panel helps users figure out how much they typically spend on insurance. It works by finding customers in similar situations and calculating the average of what they pay to insurance companies. Here's our dataset:

	age	sex	bmi	children	smoker	region	charges
0	19	female	27.900	0	yes	southwest	16884.92400
1	18	male	33.770	1	no	southeast	1725.55230
2	28	male	33.000	3	no	southeast	4449.46200
3	33	male	22.705	0	no	northwest	21984.47061
4	32	male	28.880	0	no	northwest	3866.85520
5	31	female	25.740	0	no	southeast	3756.62160

Panel appearance:

this is the final look of the panel:



Insurance Client panel

This is a tool designed for individuals to determine how much they should spend on their health insurance based on their personal factors. You can input your age, gender, and smoking status. The program will then provide you with the average amount of money that is optimal to spend on your health insurance.

Additionally, you can input your height and weight, and the program will calculate your BMI. You can select a range of BMI values to see how it affects the average cost of insurance.

On the right-hand side of the panel, there is a table where you can see all users with similar conditions to yours. If you find that you are spending much more or much less money on your insurance compared to the calculated average from the program, it's a good idea to inquire about the reasons from your insurance company.

Enter Your Age :
18

Are you a Smoker ?
no

Enter Your Gender :
female

Number of children :
0

Select BMI Range :
23.00 30.54

Enter your Height :
210

Enter your weight :
110

24.94
Your BMI

Fair and reasonable insurance costs for you:

5.1609K
Average of charges

Similar Clients:

age	bmi	region	sex	smoker	children	charges
18	26.73	southeast	female	no	0	1615.7667
18	25.08	northeast	female	no	0	2196.4732
18	26.32	northeast	female	no	0	2198.1899
18	28.22	northeast	female	no	0	2200.8309
18	30.12	northeast	female	no	0	2203.4719
18	30.31	northeast	female	no	0	2203.7360
18	29.17	northeast	female	no	0	7323.7348

This panel is created using Power BI.

Video Tutorial:

You can also check out a tutorial video I created called "**Tutorial**" in the same repository as the Power BI notebook. It provides a demonstration of how this panel performs.

Dataset:

you can grab the dataset from this link: [US Health Insurance Dataset](#)