

# Fahad Almunif - Project Proposal:

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My project will be about socioeconomic impact on obesity levels for a sample of people living across the United states. The ones benefitting from the study is the health industry and the citizens by taking into account the common factors or keys that indicate an increase in the obesity for certain individuals.

The scope of the project or the questions i hope to find an answers to from the study:

Q: How does the economy affect obesity?

Q: which states suffer from obesity the most?

Q: what is some approaches that might limit the obesity levels?

***note: some more questions might be added as i work on the project.***

The dataset i will be working on is a list of statistics of all different states thought out a range of years that indicate the obesity levels, income, location, age and many other features. The data was obtained from Kaggle and originally the data is from the Behavioral Risk Factor Surveillance System. I expect to work with numbers (income, age, obesity level, number of people...etc.), locations, plots to indicate the relation between the two and many other features depending on the findings throughout the project workflow.

I plan on meeting the tools requirement for the project by utilizing the different libraries we worked with such as:

numpy to manipulate numbers, pandas to work with different grouping / adding or dropping unnecessary rows, seaborn and matplotlib to make it easier for visualization and i plan on using linear regression as a model for now.

***note: the list of tools might be updated as the workflow on the project happens, however this looks finished for the time being.***