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COSC 5610

I chose the Medicare Part D Prescribing Data from ProPublica. The data chosen is prescription drug data including the doctor who prescribed it and their medical specialty, the state it was prescribed in, the name of the drug, the number of times that drug has been filled, the total cost of the drug, and the total count of times the drug has been filled for people over the age of 65. This data can be used to find prescription patterns of certain drugs or patterns within a specific specialty. I want to know if there are any drugs that are prescribed between specialties, as well as, if there is a certain drug that is prescribed in one state more than the other. I also want to know if price has any effect on how much the drug gets prescribed and if there is a drug that gets prescribed to people over the age of 65 than to everyone else. Also, if there are similar drugs on the market which one gets prescribed more and what factors lead to it getting prescribed more (state, specialty, cost, etc.).

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