

Julia Donato

Drug Persistency Project- Week 10: EDA

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Github Repo Link:

<https://github.com/julia-donato/DG-Final-Project>

Problem Description:

Drug persistency is a challenge for pharmaceutical companies and understanding the factors that impact it can be difficult. My goal is to develop a machine learning model that can predict drug persistency based on physician prescription data.

Recommendation:

Based on the complexity of the healthcare dataset, I recommend exploring multiple models to improve the accuracy of predictions. This would involve selecting a base model and then exploring different types of models from various families, such as Linear models, Ensemble models, and Boosting models. By doing so, we can gain a better understanding of the data and the strengths and weaknesses of different algorithms, ultimately leading to better predictions and more informed investment decisions.