

Summary/Synopsis: This folder contains a collection of assignments showcasing my proficiency in time series analysis, clustering, developing a recommender system, and leveraging data-driven insights to improve MLB team attendance. For instance, in the MLB attendance project, key strategies were identified using OLS regression to enhance crowd numbers, such as the significant impact of promotional events like shirt and bobblehead giveaways. Additionally, I developed a recommender system capable of suggesting movies based on user input, demonstrating my capability in building personalized recommendation solutions.