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This portfolio folder contains follow documents:

MS\_ADS\_Portfolio\_Nianyou\_Zhang: this is a word file that presents overview of three projects and how they are linked to program learning goals.

Resume\_NianyouZhang: this word file contains my resume.

Project IST659 Medical Record Database Management System: this folder contains project report, SQL database and an entity relation diagram.

Project IST736 Topic Modeling and Sentiment Analysis of COVID-19 Vaccine Tweets: this folder contains project report, Jupiter notebook code and two datasets. “reddit\_vm” is the dataset contains all the COVID-19 vaccine tweets (this is the dataset I analyzed in this project). ” sentiment\_analysis\_medical\_drugs\_redit” this is the dataset that is used as the “similar” dataset to train sentiment analysis model for the tweets.

Project IST707 Heart Failure Prediction: this folder contains the project report, R file for the project and dataset analyzed in this project.