Portfolio Overview:

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GitHub repository: <https://github.com/wabernathy3/Portfolio-Milestone>

GitHub Table of Contents:

Goal: Collect and Organize Data Folders

[IST 718: Zip code Analysis – Big Data](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/IST_718_Zipcode%20Analysis)

[IST 687: Basketball MVP – Applied Data Science](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/IST_687_Basketball%20MVP)

[IST 659: LOVIT Ultra Runner database creation – Database Management](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/IST_659_LOVIT%20Ultra%20SQL)

Goal: Identify patterns in data via visualization, statistical analysis and data mining

[IST 718: Zip code Analysis – Big Data](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/IST_718_Zipcode%20Analysis)

[IST 718: Coaches Analysis – Big Data](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/IST_718_Coach%20Analysis)

Goal: Develop alternative strategies based on the data

[IST 707: Mental Health Project – Data Analytics](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/IST_707_Mental%20Health%20Project)

Goal: Develop a plan of action to implement the business decisions derived from the analyses

[IST 707: Mental Health Project – Data Analytics](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/IST_707_Mental%20Health%20Project)

Goal: Communication skills regarding data and its analysis for managers, IT, etc.

[MBC 638: Final Project – MBC Data Analysis and Decision Making](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/MBC_638_Final%20Project)

[IST 707: Mental Health Project – Data Analytics](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/IST_707_Mental%20Health%20Project)

Goal: Synthesize the ethical dimensions of data science practice

[Privacy and the Public in the Technological Age – Information Policy](https://github.com/wabernathy3/Portfolio-Milestone/tree/master/IST_618_PrivacyPaper)

Each of the folder links are matched with the goals they satisfy. The written paper also includes the hyperlinks for the folders for easy navigation. Each folder contains the final submission for the professors of each course as well as the Python or R script. Only Python or R are the software required to view/run the projects.