**Capstone Project Options**

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|  | **Local Atlanta Hospital** | **NBA Over/Under** | **Local Atlanta Coffee Shop** | **Exxon Mobile (XOM)** |

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| **Project Description**  ­­  **Goals/Criteria for Success**  **Dataset Available**  **Audience** | * The objective is to develop a methodology for predicting emergency department (ED) arrivals. * Reduce Employee costs (e.g. Drs, Nurses, PAs, Admin, etc.) * Reduce Drug Inventory costs (e.g. Stocking costs, Cost-of-Carry, etc) * Reduce other operating costs (e.g. Utilities) * Yes * Hospital Management * Other Stakeholders | * The objective is to develop a methodology for predicting the Over/Under, which is the combined score for both teams compared to the published score expectations from the odds makers, for NBA games. * Fun/Bragging Rights * Yes * Personal | * The objective is to develop a methodology for predicting daily customers. * Reduce Employee costs (e.g. baristas, supervisors, etc.) * Reduce Inventory costs (e.g. Stocking costs, Cost-of-Carry, etc) * Reduce other operating costs (e.g. Utilities,) * Maybe * Management * Other Stakeholders | * The objective is to develop a methodology for predicting a 10% change in the stock price over a 12-month horizon. * Fun/Bragging Rights * Yes * Equity Stakeholders |