Capstone-1 Project Proposal

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1. Predict the total count of bikes rented during each hour.
2. Bicycle rental industry will be able to predict the demand which will help manage the availability of bikes to meet the demand.
3. This will be a bike rental data, available at kaggle.
4. Below will be the highlevel approach
   * Factorize the data for machine learning.
   * Visualize the data for initial findings.
   * Heat maps
   * Use pivots and pivot tables to make it easy to understand the data.
   * Use pandas datetime operations
   * Perform regression using scikit learn
   * Classifiers using NLTK libraries
5. Presentation with findings and visualizations for dataset, code for predicting models.