

Admin Notes / Agenda

- Scavenger Hunt due now
- PSL 2 due on Canvas 10 2359 September 2025

1 KNN I Exercise: Barracks KNN**2 Go over steps of KNN algorithm****k-Nearest Neighbors Steps:**

1. Standardize all records, do not use the predictor record to calculate \bar{x} and s
2. Find the Euclidean distance between the predictor record and each historical record
3. Select the k -nearest neighbors based on Euclidean distance
4. Make a classification prediction of a categorical outcome variable based on the majority of the k -nearest neighbors
5. Make a prediction of a numerical outcome variable based on the average value of the k -nearest neighbors

3 Work Board Sheet