

Another Approach: K Nearest Neighbors (KNN)

If we have numerical data for a problem,

- we may instead want to **find**
- “**nearby**” **data points**, such
- as the **K Nearest Neighbors (KNN)**
- for some value of K.

Given a new data point, its neighbors can

- **vote to pick a class / category**,
- **or** their values can be **averaged to assign a value or probability** to the new point.