Computational Statistics - HW 1

Overview

In this 30 min session you will:

- Launch and explore the k-NN Shiny app
- Adjust **k**, select backend (R vs C++)
-

      Observe train/test performance and parity plots

Setup

Download the Shiny app:

```
curl -O https://raw.githubusercontent.com/mmadoliat/WSoRT/refs/heads/main/R/app.R
```

Launch the App

```
# Run the Shiny application
shiny::runApp('app.R')
```

Tasks

1. Change the train/test split ratio in `make_split()` (e.g. 80/20).
2. Add a slider input for the split ratio in `ui` and update server logic.
3. Extend the performance panel to show Mean Absolute Error (MAE).