Seoul Bike Share

Elinor Velasquez, April 14 2021

Can we predict rented bike count in Seoul, South Korea?
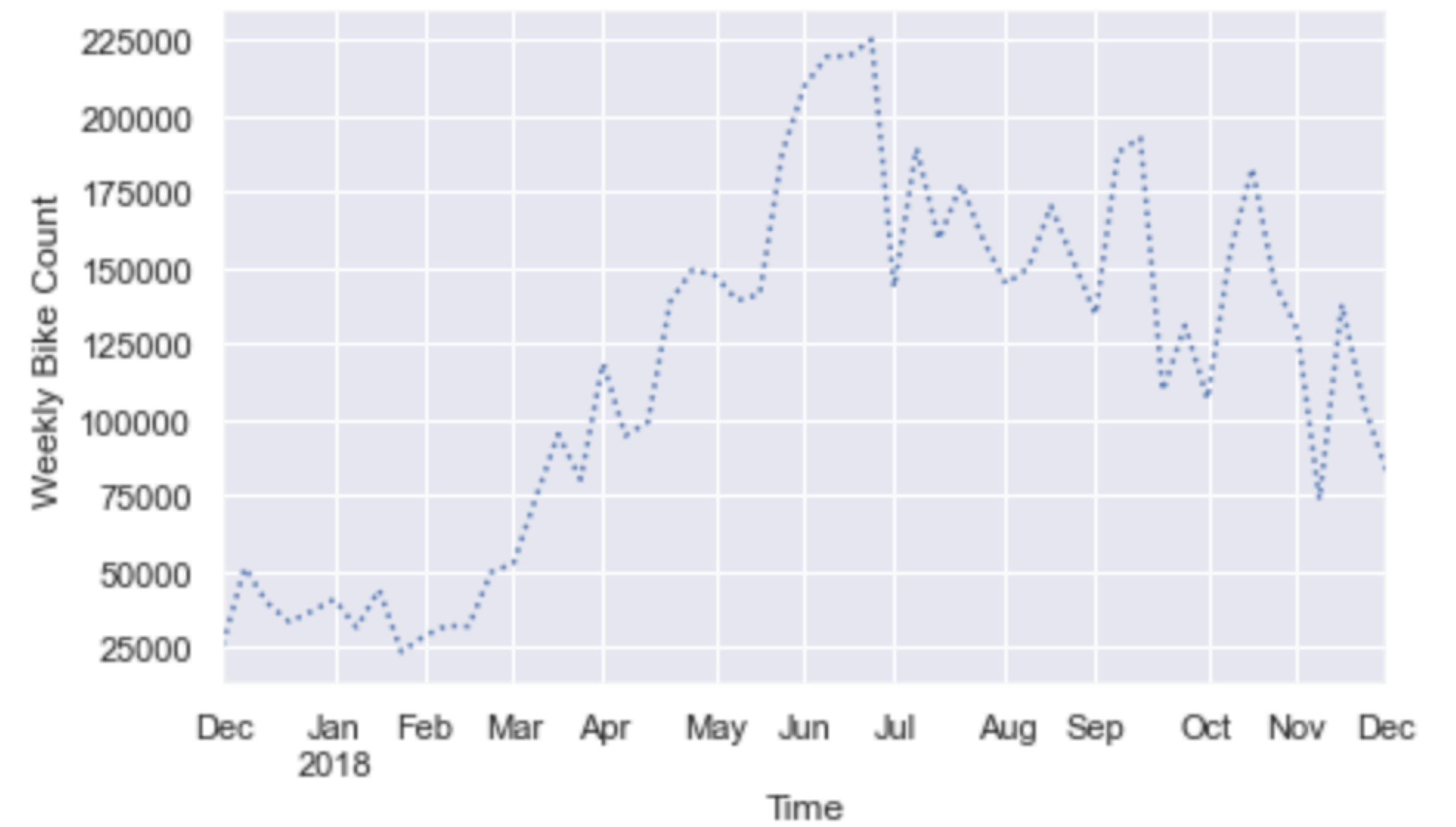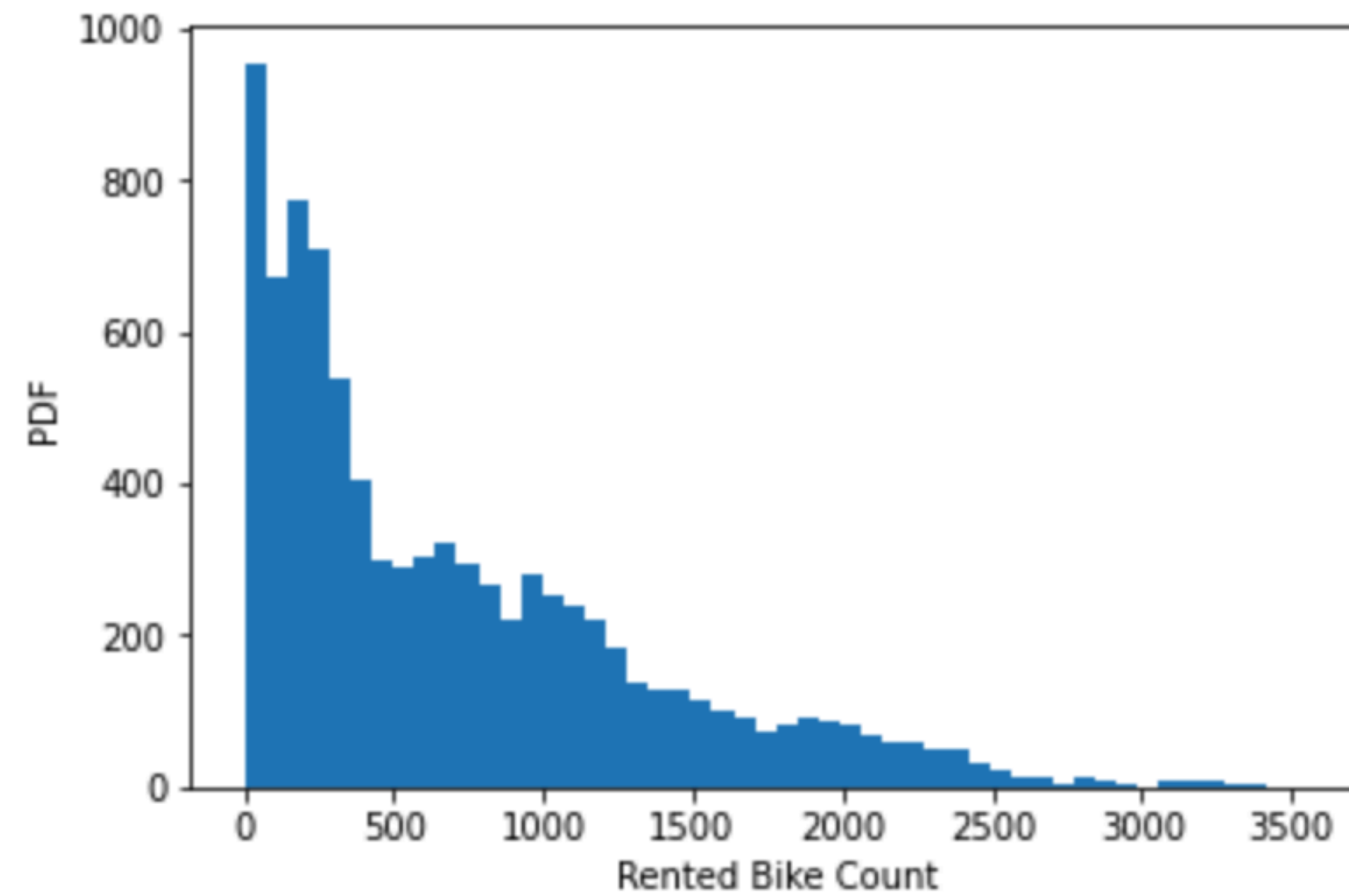
Data Collection:

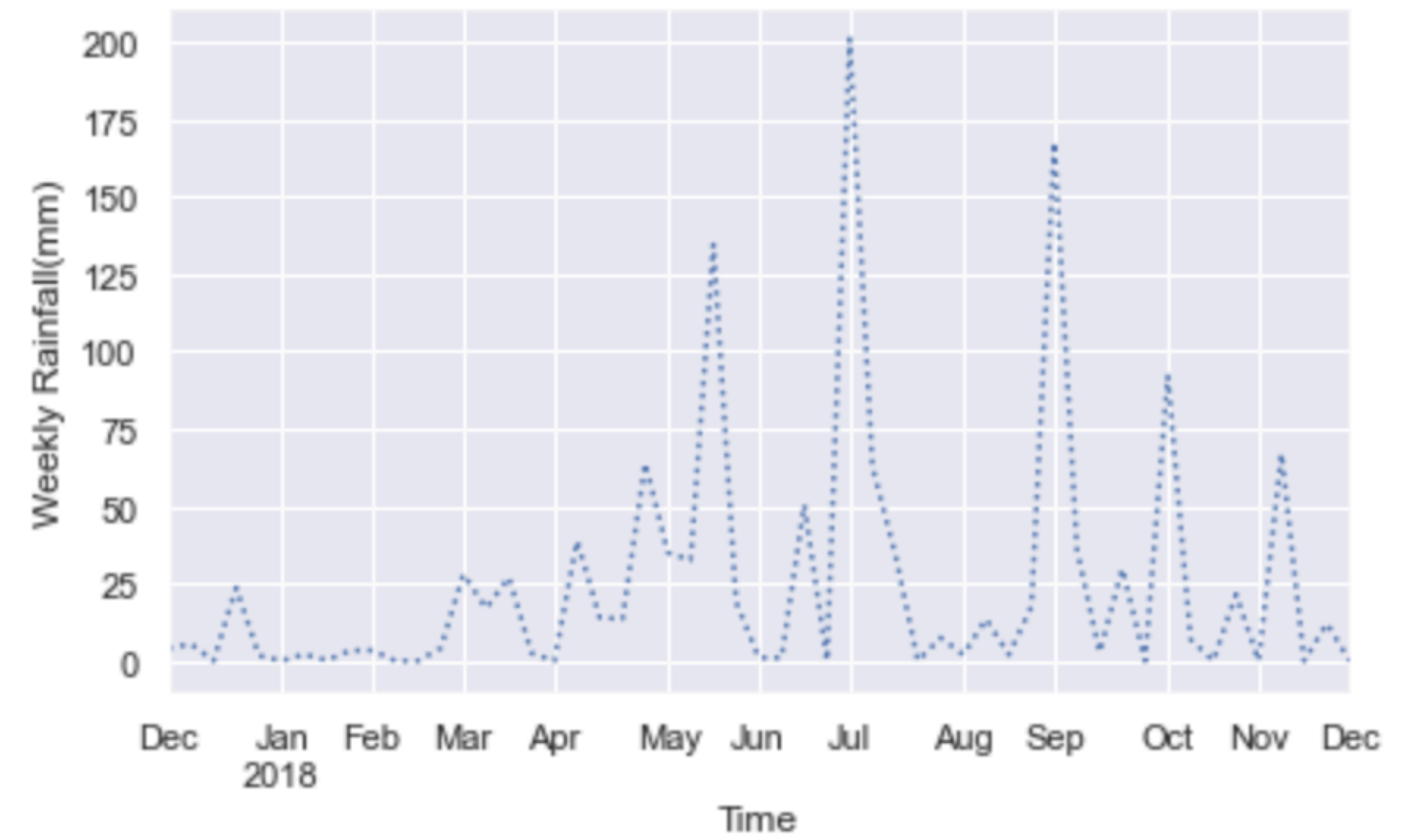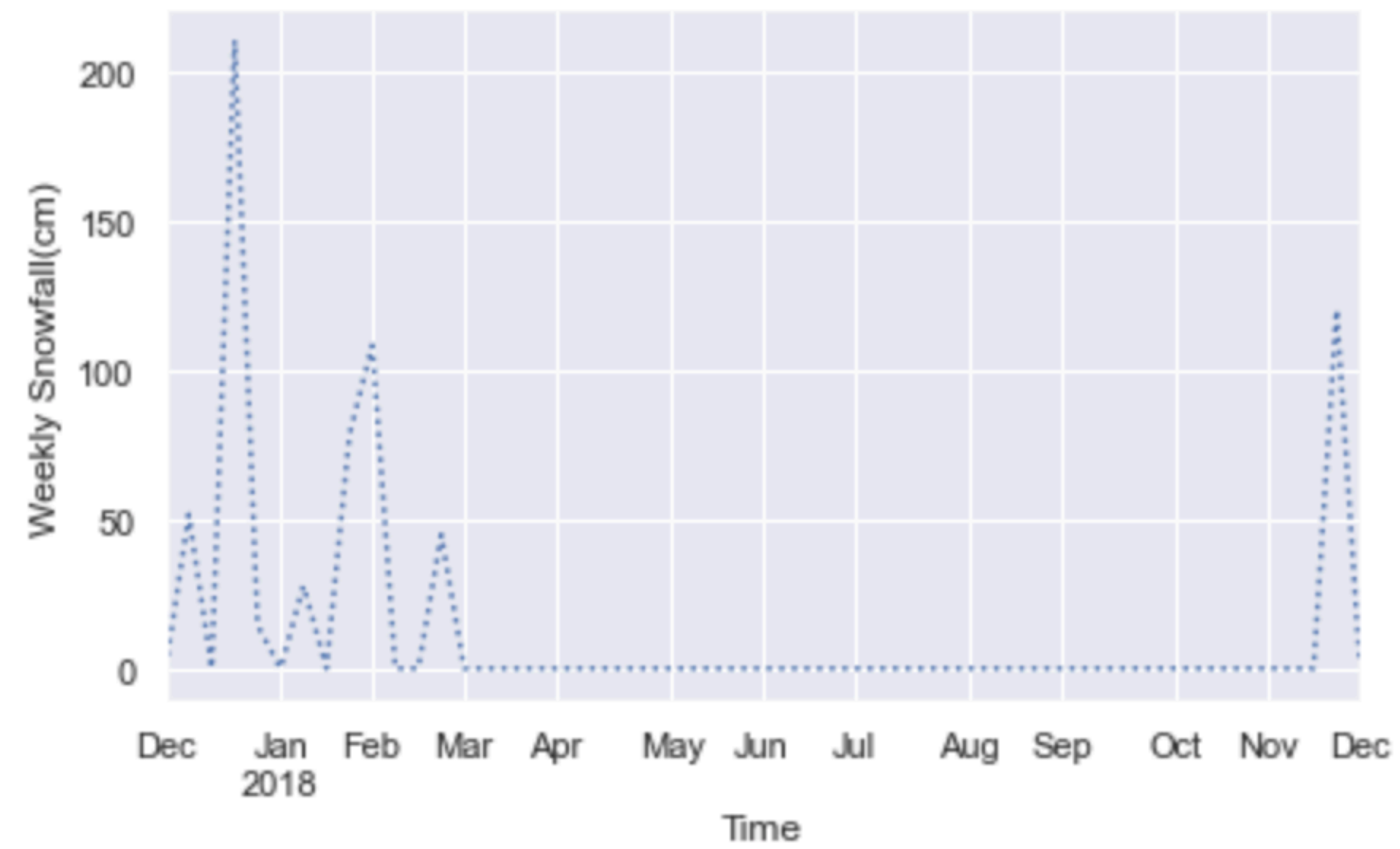Rented Bike Share count per hour in Seoul, South Korea

Data Retrieval:

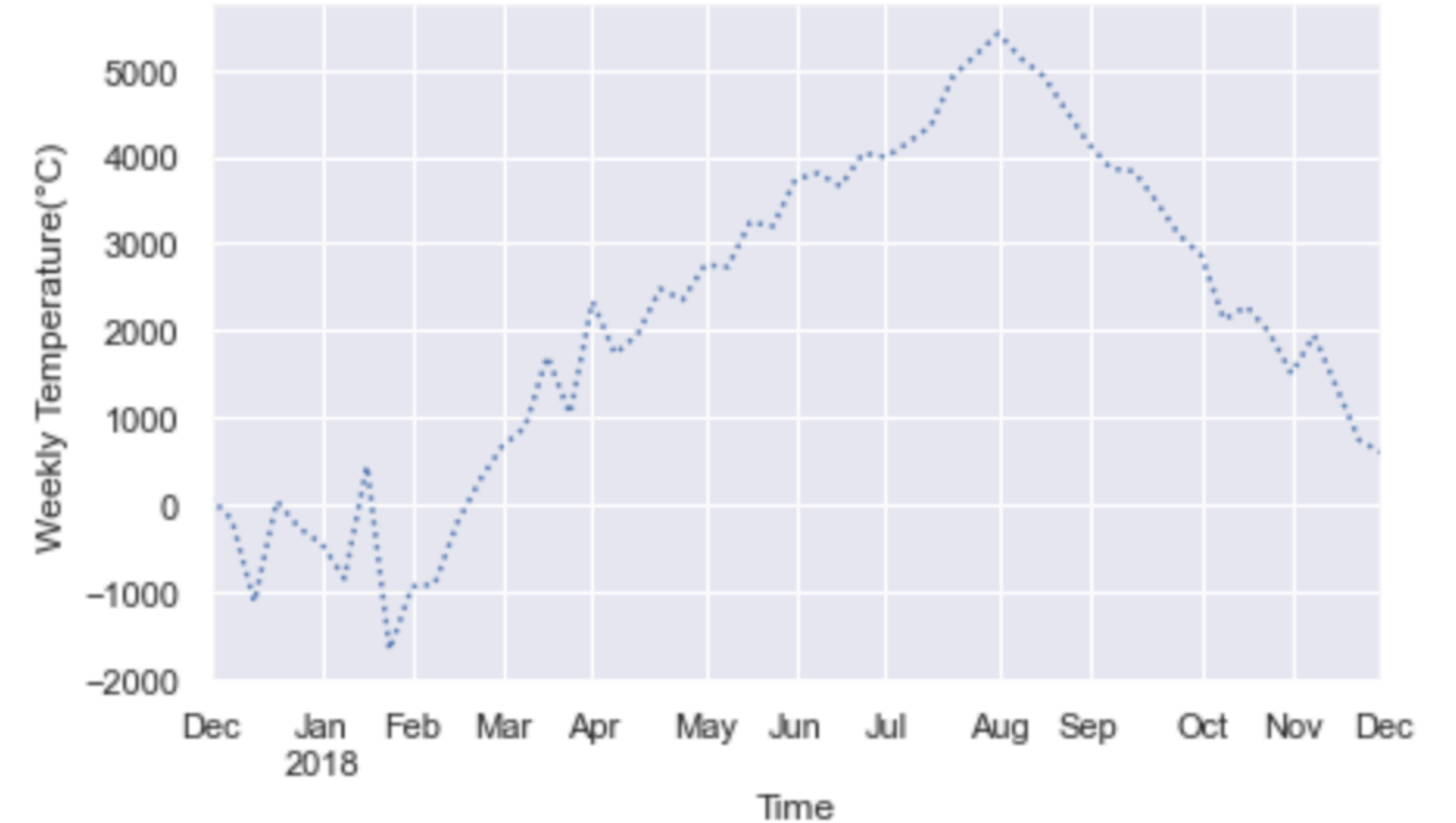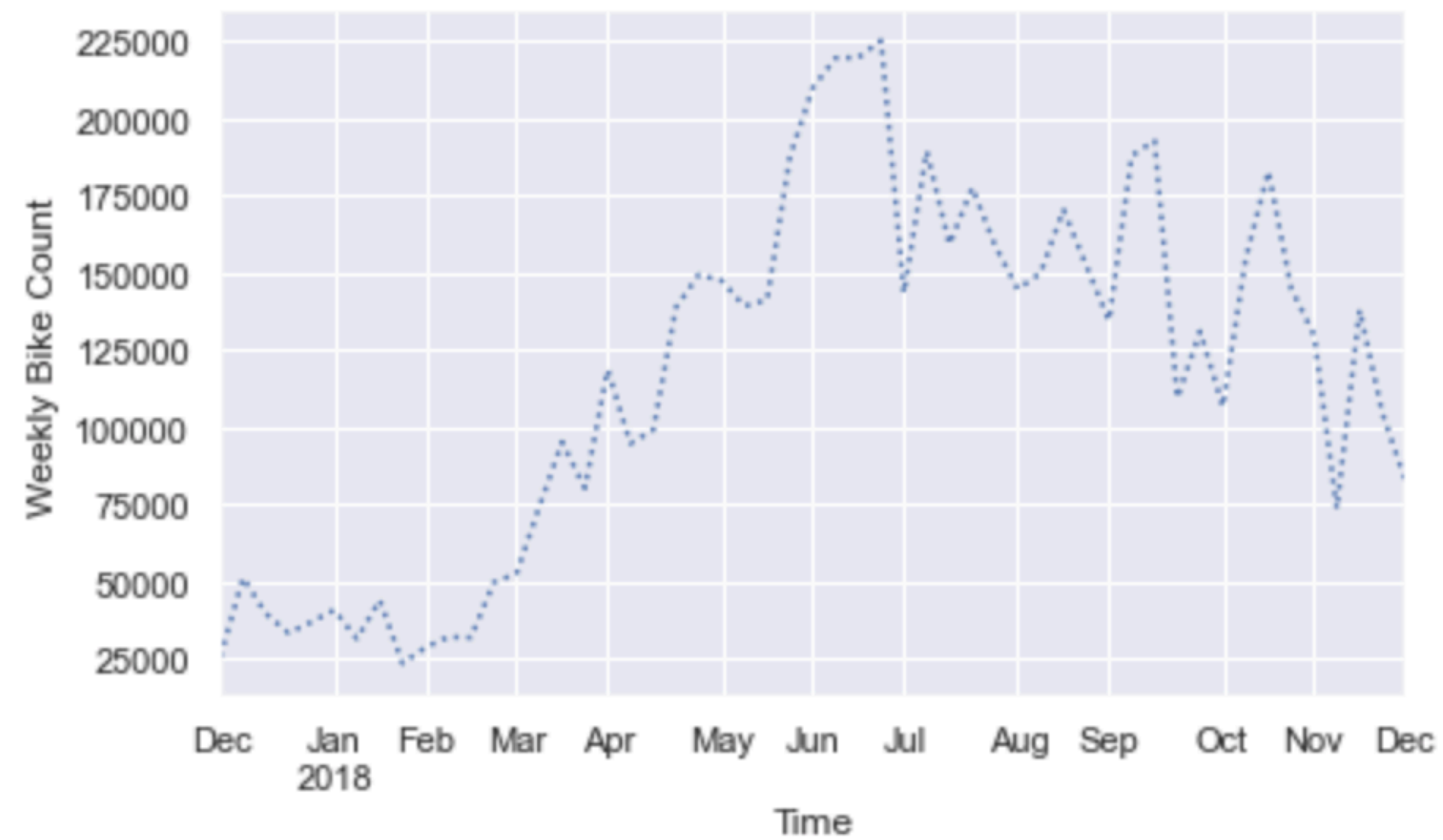U.C. Irvine Data Repository (Data deposited in 2020-03-01)
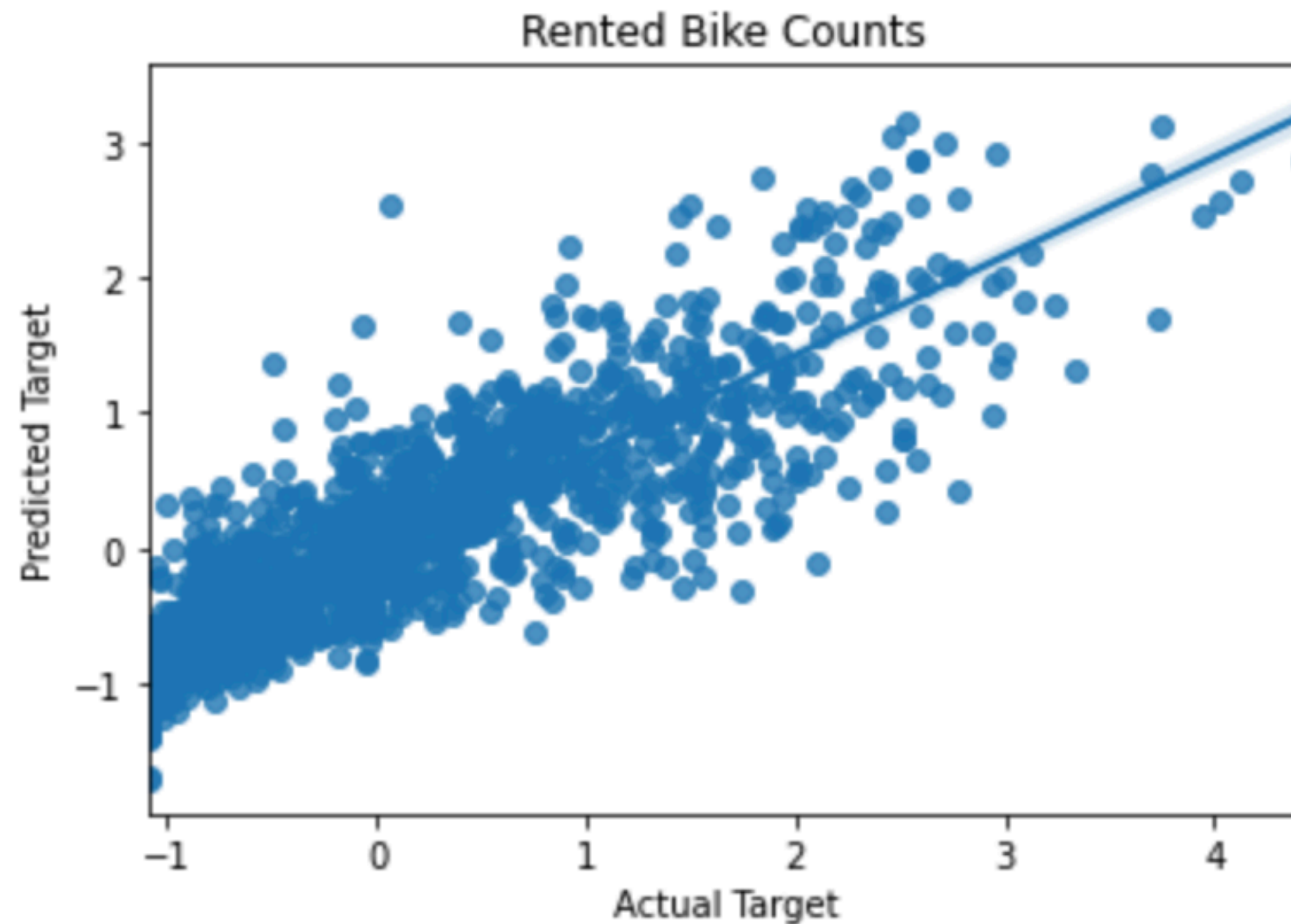
Can we predict weekly rented bike count?

Rainfall and Snowfall in Seoul is a constant

Weekly Bike Rental corresponds to Weekly Temperature

Predicted Target corresponds to Actual Target

Rented Bike Counts

Algorithm Employed:
CatBoost Regressor

R-squared = 0.75