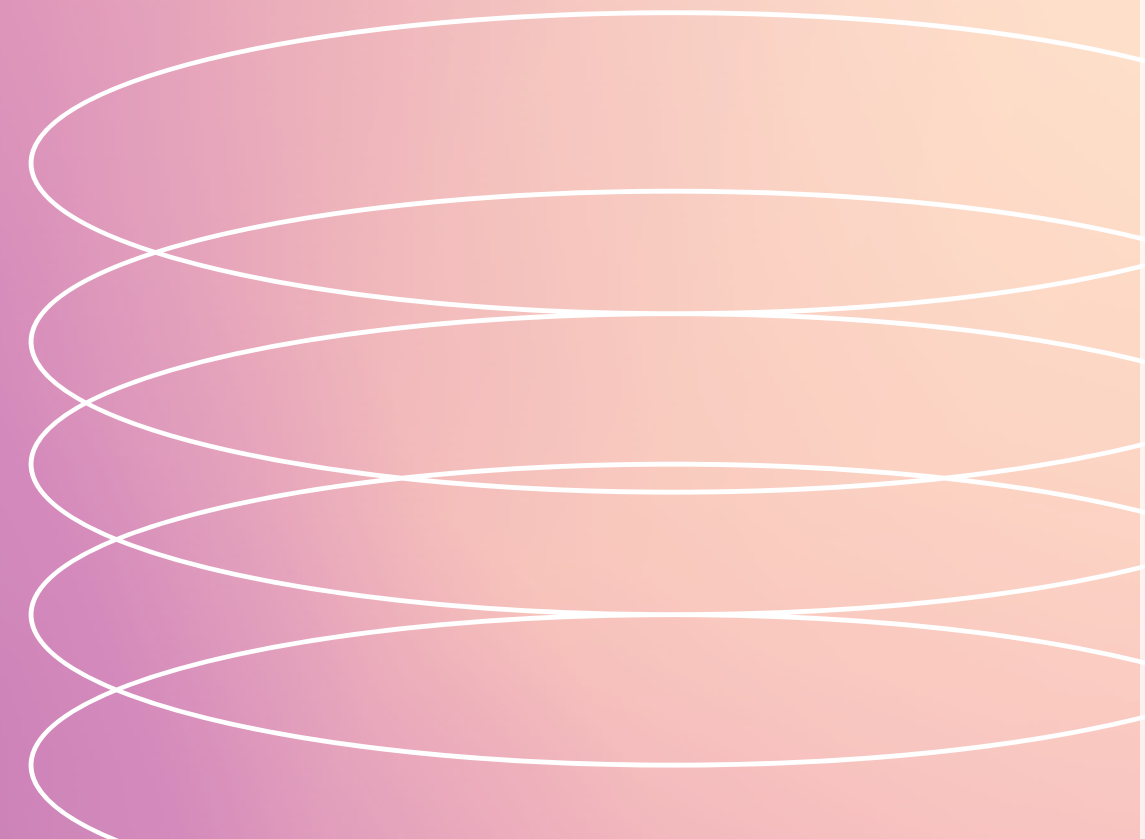


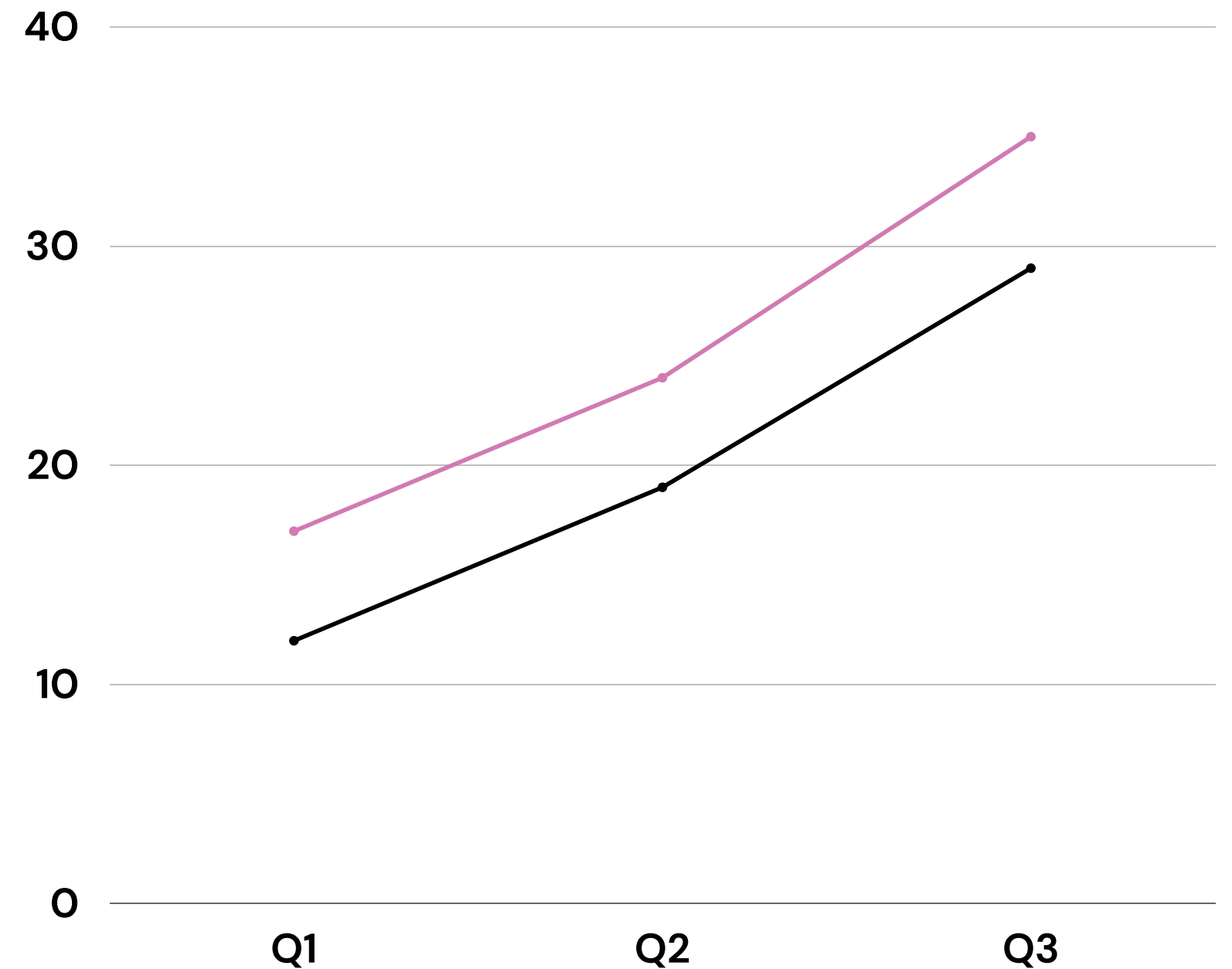
Weather Prediction

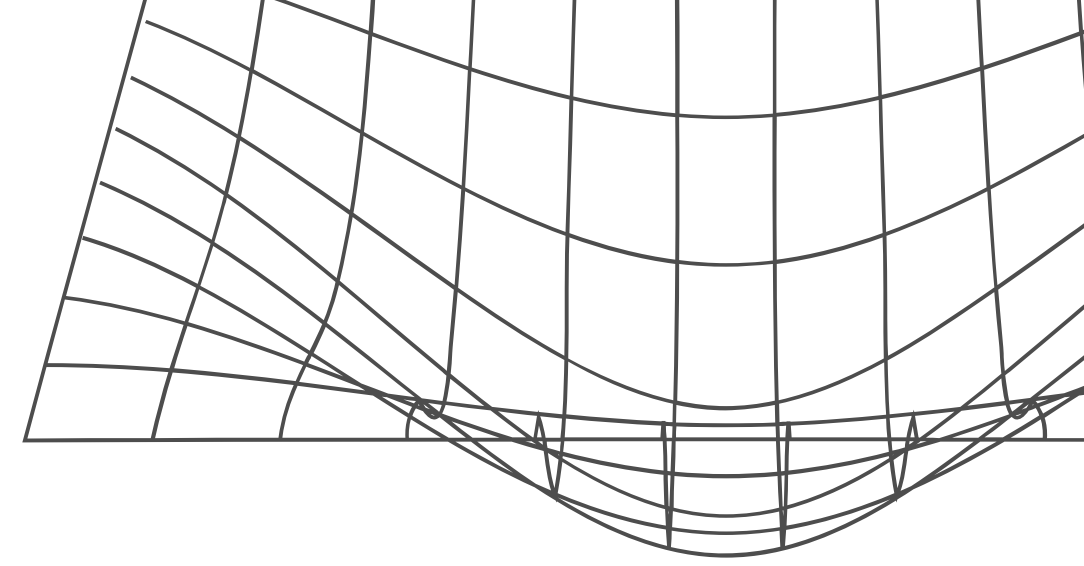
Pabitra Maharana E22CSEU0137



Ridge Regression Model

Ridge Regression is a model that is used to analyse any data that suffers from multicollinearity. This method performs L2 regularization.





Used models and data

01

Data

N.O.A.A. Data is used to train the model , NOAA is a US based weather station containing the weather data through the world

02

Model Ridge

Ridge Regression mode is used due to the collinearity of the the data used in weather

Output

ACTUAL VS PREDICTION

The output shows the actual vs predicted values of the data for snow, precipitation, Temperature Maximum and temperature Minimum.

GRAPHS

Two different types of graph Line and scatter to display the model accuracy



Thank You