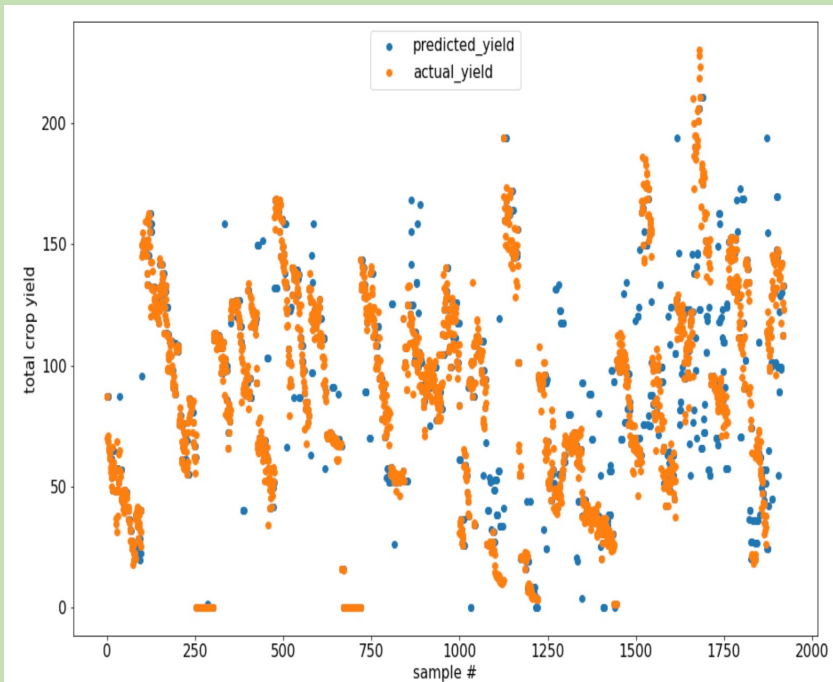# Predicting Global Crop Yields

From Water Resource Availability and Socioeconomic Factors Across Countries
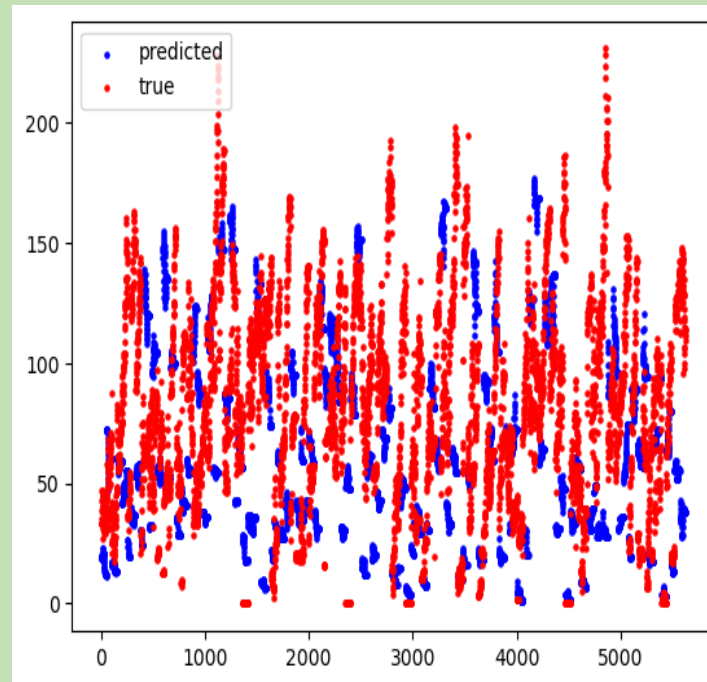
We combined datasets from Aquastat data and https://ourworldindata.org/crop-yields to implement 3 Regression Models:

Regression Decision Tree	Linear Regression Model	Regression Neural Network

MSE: 664

MSE: 2361
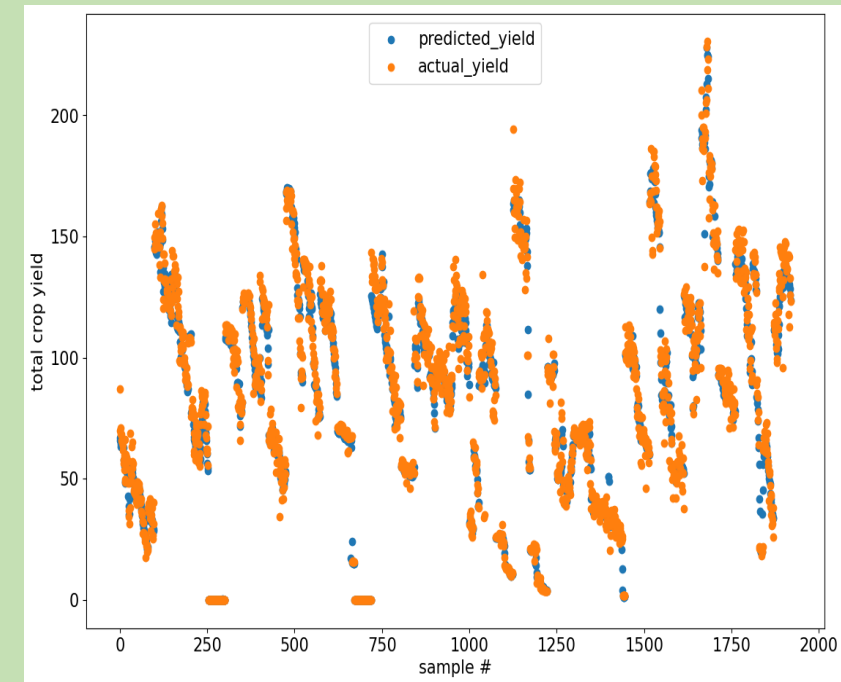
MSE: 95.3

The "total renewable water resources" and "GDP per capita" were most significant factors in predicting total crop yield.

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