**Project Overview**

In this project, we have implemented and compared three different machine learning algorithms — **Linear Regression**, **Random Forest**, and **Autoencoder** — to evaluate employee productivity. Using multiple models allows us to identify which approach provides the most accurate and reliable results for our data.

A prototype **web dashboard** has been developed to demonstrate how the analytics can be presented to end users. The dashboard is already connected to a database to manage employee data; however, full integration with the machine learning models is still in progress. Once complete, the system will provide an end-to-end solution for monitoring and analyzing employee performance in a clear, data-driven manner.