

Tanmay Dalal

Aspiring Data Analyst / Data Scientist.

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EDUCATION

Bharati Vidyapeeth College of Engineering, Pune — Degree

JUNE 2017 - AUGUST 2021

B.Tech in Electrical Engineering

70 %

Pace Jr Science College, Mumbai — 12th

MAY 2015 - MAY 2017

75 %

Smt Sulochanadevi Singhania School, Mumbai — 10th

MAY 2014 - MAY 2015

93.4 %

CERTIFICATIONS

Google Data Analytics Professional Certificate — Coursera

Ongoing - (Completed 5 out of 8 courses)

Machine Learning A-Z™: Hands-On Python & R In Data Science — Udemy

Data Science 360 Course : Complete Data Science Bootcamp — Udemy

PROJECTS

Electrical Load Forecasting using Machine Learning — Final year Project

Used a forecasting model namely Facebook Prophet to forecast the energy consumption based on several factors like Time, Temperature, Humidity.

SKILLS

Python

Java

R (ongoing)

Data Visualization

SQL

Machine Learning

Spreadsheets

Flask

TECHNOLOGY

Tableau

Microsoft SQL Server

Microsoft Excel

MySQL

Google BigQuery

Adobe Photoshop

Heroku

AWARDS

Quarterfinalist in national-level competition organized by IICDC, Texas Instruments

Runner up in Smart India Hackathon 2020 organized by Department of Electrical Engineering

Covid Deaths and Vaccination

— *SQL, Tableau*

Explored real Covid data in Microsoft SQL Server, found out metrics like %Population Death per Country and per Continent , %population vaccinated etc and created a [Tableau Dashboard](#).

Machine Learning based Kaggle dataset like Used Car Price Prediction and Health Insurance Prediction

— *Used Linear Regression*

Cleaned the data (missing, null values) using Pandas and Numpy, Feature engineering, dealing with outliers, checking for multicollinearity using VIF, creating dummy variables, Linear Regression and Finding weights and bias.

Data Cleaning using SQL

— *Microsoft SQL Server*

Performed data cleaning for datasets such as Converting time formats, filling in NULL values using existing records, Separating columns like address into City and State to make it more usable, removing duplicate records etc.