

# Prathamesh Tanavade

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## Summary

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Skilled engineer enthusiastic about Data Analytics with proven experience working on projects through virtual job simulations provided by prominent companies and various personal projects. Utilised skills including data interpretation, data wrangling, data validation and data analysis and effectively communicating the gained insights to the clients through impactful storytelling and audio-visual presentations.

## Skills

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- Data Analytics
- Python
- SQL
- Apache Spark
- Microsoft Power BI
- Agile Methodologies
- Software Development Life Cycle (SDLC)
- Interpersonal Communication
- Presentation Design & Delivery

## Relevant Projects

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**CTDC Human Trafficking – Power BI Report** <https://bit.ly/3UrSwlx> **April 2024**  
Tools: Microsoft Power BI

- Leveraged analytical skills to examine the human trafficking data, particularly focusing on age status of the victims.

**British Airways Data Analytics – Review Analysis & Predictive Modelling** <https://bit.ly/47sR0df> **March 2024**  
Tools: Python, Pandas, Beautiful Soup, Scikit

- Scraped and analysed customer review data to uncover findings
- Built a predictive model to understand factors that influence buying behaviour

**Human Resources – Diversity & Inclusion - Power BI Report** <https://bit.ly/4aNEbMq> **February 2024**  
Tools: Microsoft Power BI

- Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs
- Identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making

**Trending Twitter Hashtag** <https://bit.ly/3JKyvr1>

Tools: Python, Apache Kafka, Apache Spark, MongoDB, FastAPI, ReactJS

- Simulated a live Twitter Tweet Feed using Python, Faker Library and Apache Kafka
- Used Apache PySpark to analyse the Tweets to calculate the trending hashtag at every minute interval across major cities in the USA.
- Stored the results on MongoDB Atlas Cloud Server from which the most recent results were made accessible using an API built with FastAPI as backend and ReactJS as the frontend with UX

## Education

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**Bachelor of Engineering in Electronics and Telecommunication – University of Mumbai 2017 – 2021** **CGPA 6.93**  
Ramrao Adik Institute of Technology, Nerul **64.27%**

## Certifications

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**IBM SkillsBuild - Working in a Digital World: Professional Skills**

**KPMG AU Data Analytics Job Simulation on Forage**

**September 2023**

**PwC Switzerland Power BI Job Simulation on Forage**

**September 2023**

**Accenture Data Analytics and Visualization Job Simulation on Forage -**

**August 2023**