

VIVEK KISAN DUMBRE

Mumbai, IN • 8693826672 • vivek.dumbre@outlook.com • [linkedin.com/in/vivek-dumbre/](https://www.linkedin.com/in/vivek-dumbre/)

PROFILE SUMMARY

Result-oriented Data professional with extensive expertise in SQL, data manipulation, Python, MS-Excel, Power BI, and other essential tools. Proficient in data analysis, data modelling, ML techniques, and data visualization methods. Adept at BI techniques. Over 2 years of experience in IT, excelling in stakeholder management, IT service delivery, and advanced analytical reporting. Committed to driving company growth through data-driven insights.

PROFESSIONAL EXPERIENCE

Data Science – Instructor

Aug 2023 – Sept 2023

Rubicon Foundation, Pune

- Introducing the core concepts of Data Science and making Statistical analysis familiar concepts to graduation students.
- Introducing skills of python programming, SQL querying, Excel analysis, Statistics, Machine learning algorithms performing EDA analysis on various datasets.
- Tailored and guided various projects and case studies to make students understand the advancements in the data domain and understand use of tools.

Data Scientist

Dec 2022 – June 2023

Boston Institute of Analytics, Thane

- Conducted comprehensive market research and analysis, providing strategic recommendations for market entry, product positioning, and business growth upon various capstone projects.
- Completed a full-scale ecommerce analysis project using various Time series forecasting.

Senior Systems Engineer

Aug 2020 – Aug 2022

Cognizant Technology Solutions, Bangalore

- Administered various critical time bounded tasks and refined process work flows within the project through different statistical techniques and accurate reporting.
- Promoted to senior position in the team for successfully fulfilling the role, trained new resources and lead the team successfully.
- Spearheaded service delivery for a Globally expanded client learnt a lot about IT service delivery, and stakeholder communication

Web-Development intern

Dec 2017 – Feb 2018

M. L. Labade Engineers and Contractors, Navi Mumbai

- Developed a fully dynamic company website performing CRUD operations for maintaining company portfolio using HTML, CSS, Php, SQL languages and Apache server for administration.
- Enhanced company social presence and reach over online platforms by 20 percent more site visit count.

PROJECTS

Airline Passenger Analytics and Future predictions (Capstone project)

Studied past airline passengers count data to predict future bookings of tickets and drive actionable insights performed time series forecasting and modelled all types of time series forecasting algorithms on the data and found the best performing model – (SARIMAX)

TechStack: Python, Pandas, Numpy, Matplotlib, Seaborn, Jupyter.

Presentation: Google slides/ Microsoft Power point, Power BI

Ecommerce Data Analysis and Time forecasting upon sales (Capstone project)

Conducted an in-depth analysis of a vast ecommerce dataset spanning three years and comprising over 1 million records. The primary objective was to uncover hidden patterns and insights within the data and develop predictive models for sales forecasting.

TechStack: Python, Pandas, Numpy, Matplotlib, Seaborn, Jupyter.

Visualization: Power BI, Tableau

Presentation: Google slides/ Microsoft Power point

Bike Sharing System

Objective: Improve overall sales, boost the business performance of a rented bike sharing company by understanding the key attributes affecting Total ride count.

Solution: Studied each attribute in dataset driving the target variable to achieve most ride count and found 3 major variables having max correlation with targeted variable and achieved 78 percent Correlation in final model.

TechStack: Python, Pandas, Numpy, Matplotlib, Seaborn, Jupyter.

EDUCATION

Bachelor of Engineering – Computer Engineering, Thane Jun 2019
K. C. college of engineering & management studies research - Mumbai University.

Diploma – Computer Technology, Mumbai Central Jun 2016
MM-BGIT. (Mumbai University)

SKILLS

Visualization and reporting: Power BI, data visualization Looker (Experienced), Tableau, Python Libraries (Matplotlib, Plotly, Seaborn).

ML & Statistical Techniques: EDA, Hypothesis Testing, Statistics, Customer Segmentation Analysis (Advanced), Data analysis, Regression algorithms – Linear Regression, Multi Linear Regression, Logistic regression, Time Series Forecasting models : SES, HES, AR-models, ARMA, ARIMA, SARIMAX.

Technical skills/ Frameworks: SQL, Python programming , advanced excel ,Git/ git hub ,MS-office suite ,artificial intelligence (AI) ,bigdata ,statistics , analytics ,machine learning (ML) ,data modelling ,VBA , Database design, data analysis ,predictive modelling ,feature engineering ,Visual studio code.

Soft Skills: Collaborative Communication, Leadership, Constant Learning approach, Attention to detail, Critical thinking, Stakeholder Management, and Creative problem solving.

CERTIFICATIONS

PG - Diploma in Data Science, UpGrad, iiit-bangalore

Data Science & Analytics certification - Boston Institute of Analytics

Python programming, (NPTEL)

Linux Red hat system administration I – SA1 (RHEL8)

Google Machine Learning Basics, Udemy

Data Visualization with Power BI, Great Learnings