

Kaustubh Avhad

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Education

Pune Vidyarthi Griha College of Engineering
BE, Artificial Intelligence and Data Science

Nashik, Maharashtra
2022 - 2025

Technical Skills

Languages and Tools : Python, SQL(MySQL), Power BI, Tableau, Excel, Github, Jupyter Notebook.

Libraries & Frameworks : Numpy, Pandas, Matplotlib, Seaborn, scify, Sk-Learn.

Data Science & Machine Learning : Data Collection, Data Preprocessing, Data Visualization, Data scraping.

Mathematics for ML : Statistics, Probability.

Experience

Data Analyst Intern | Excelerate [view](#)

Jan 2024 - Feb 2024 (Remote)

- **Engineered Interactive Dashboards:** Leveraged Google Data Studio to construct data-driven dashboards, converting raw datasets into actionable insights for executive decision-making.
- **Data Visualization:** Designed and optimized visual representations of complex datasets, focusing on key metrics, trends, and outliers.
- **Cross-Functional Data Analysis:** Collaborated with global teams to define requirements, perform data analysis, and ensure alignment with business objectives.
- **Enhanced Data Communication:** Facilitated improved data interpretation through advanced visual storytelling techniques, driving strategic initiatives.

Projects

Shopping-Customer-Segmentation Using KMEANS Clustering Algorithm

- Applied advanced Unsupervised Machine Learning techniques, specifically K-Means Clustering, for precision market segmentation.
- Conducted insightful Exploratory Data Analysis (EDA) to uncover key trends, guiding strategic decision-making.
- Expertly divided the target market into distinctive groups, enabling targeted and personalized marketing efforts.
- Showcased technical mastery in Python, Jupyter Notebook, and statistical analysis, delivering data-driven insights for impactful marketing strategies.

Hotel Data Analysis Using SQL & Power BI

- Engineered a dynamic database using Microsoft SQL Server Management Studio to meticulously analyze hotel booking data, uncovering revenue growth trends year-over-year.
 - Expertly integrated Power BI to the database, crafting compelling visualizations that succinctly summarized key findings and facilitated data-driven decision-making.
 - Collaborated cross-functionally, transforming raw data into actionable insights, and consistently delivered strategic reports on hotel revenue trends, showcasing a blend of technical prowess and impactful business contributions.
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Extracurricular Activity

Data Analyst Course - ExcelR Institute

Achievements & Certifications

- IBM Data Science Professional Certificate [view](#)
- Data Analysis with Python [view](#)
- Data Visualization with Power BI [View](#)