

# Nikhil Umredkar

Motivated Data Analyst with expertise in data analysis, visualization, and machine learning. Skilled in integrating and analyzing large datasets to provide actionable insights. Experienced in creating dashboards and reports to support strategic goals and operational excellence. Agile, collaborative, and focused on data-driven decision-making while ensuring adherence to governance and privacy standards

## Work Experience

### Data Science Intern, Spinnaker Analytics

Aug 2024 - Present

- Analyzed and integrated large datasets using **Python**, **Pandas**, **Advanced Excel** and **Numpy** to deliver actionable insights.
- Designed dynamic dashboards and reports in **Power BI**, enhancing decision-making for key stakeholders.
- Conducted **A/B testing** and multivariate experiments to evaluate ML model effectiveness.
- Delivered insights that improved customer satisfaction and ROI while maintaining data privacy and governance standards.

### Assistant Executive (PA), Ascent Business Solution Pvt. LTD

Nov 2022 – Jan 2024

- Conducted data trend analysis using **Advanced Excel** to optimize business processes.
- Delivered tailored reports and presentations to meet diverse audience needs.
- Trained teams on advanced Microsoft Office tools to enhance productivity and operational efficiency.

## Projects

### Product Cluster Analysis

- Conducted clustering analysis to optimize inventory management and identify market trends.
- Applied **machine learning** algorithms to segment product clusters and provide actionable insights.
- Enhanced operational efficiency and aligned business strategies with data-driven insights. [Link](#)

### Prediction for Media Company

- Built a predictive analytics model using **historical data** to improve content strategy.
- Delivered insights through machine learning models, reducing analysis time by **40%**.
- Influenced data-driven decisions across three departments. [Link](#)

### Prediction of Energy Consumption

- Predicted energy consumption and proposed optimization strategies.
- Utilized multiple machine learning algorithms, achieving an **R<sup>2</sup> score of 66.63%**.
- Prepared a detailed cost analysis to promote sustainable energy solutions. [Link](#)

## Contact

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## Educational Background

### Boston Institute of Analytics

Feb 2024 - July 2024

- Data Science & Artificial Intelligence

### Bachelor of Business Administration

Rashtrasant Tukadoji Maharaj Nagpur University,

Aug 2019 - Aug 2022

## Skills

### Technical Skills

- Technical Skills: Data Analysis, Data Visualization, Python, SQL, Power BI, Advanced Excel, Machine Learning, Dashboard Development, Data Governance, Reporting Efficiency, Experiment Design, Statistical Analysis
- Additional Tools: Google Analytics, Microsoft Clarity, Google Ads, Tableau, Seaborn, Matplotlib

### Languages

- English (Proficient)
- Marathi (Fluent)
- Hindi (Fluent)

### Certification/Short Courses

- Introduction to Microsoft - Coursera Project Network (Credential ID: 2LPT7LBB3F47)
- MySQL Certification - Udemy
- Data Science and AI : Boston Institute of Analytics

## Additional Information

### Personal Projects

#### Netflix Movies Dashboard

- Created interactive dashboards to visualize insights for 5,000 Netflix titles.
- Focused on regional engagement and genre preferences to enhance decision-making.
- Delivered key metrics and trends for stakeholders. [Link](#)