

AKSHAY KUMAR

DATA SCIENTIST

CONTACT

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[Akshaykumarbagde](#)

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SKILLS

Python, Pyspark, SQL, PowerBi, Excel

Pandas, Numpy, Seaborn, Scikit learn

Keras, LSTM, CNN, Data Scraping

NLTK, Sentiment Analysis

EDUCATION

Master in Technology

National institute of technology, Warangal

Jun 2016 - July 2018

System Engineering Design

PG Certificate in Data Science & ML

Manipal Academy of Higher Education

Dec 2021- June 2022

Cgpa = 9.32/10

LANGUAGES

English

Hindi

Marathi

PROFILE

Data Scientist with over 2.5 years of specialized experience in machine learning, exploratory data analysis (EDA), demand forecasting, optimization, and natural language processing (NLP). Demonstrated success in optimizing delivery operations and improving key performance indicators (KPIs) across large portfolios while effectively managing big data. Skilled in leveraging data-driven insights to enhance operational efficiency and drive business growth. Committed to delivering innovative solutions in complex environments through the application of machine learning (ML) and artificial intelligence (AI). Recognized as a data advisor, adept at utilizing data to address and solve business challenges.

WORK EXPERIENCE

Data Scientist

Ernst & Young

Oct 2022-Present

- Developed a Forecast Engine Utility (FEU): Created a robust utility from scratch to accurately predict demand for over 10,000 Fast-Moving Consumer Goods (FMCG) in Supply Chain.
- Collaborated with Analytics and Business Intelligence Teams: Engaged with cross-functional teams to clarify data field definitions, key performance indicators (KPIs) and various metrics tracked by stakeholders.
- Applied Advanced Machine Learning Algorithms: Utilized a variety of techniques including linear regression, logistic regression, and FBProphet for baseline forecasting. Employed decision trees, XGBoost, and ensemble models to effectively account for promotional effects, resulting in a 20% improvement in business performance.
- Conducted Exploratory Data Analysis (EDA): Identified trends and patterns influencing demand using BI tools to drive informed decision-making.
- Partnered with Data Engineers and ML Engineers: Worked collaboratively to perform efficient data exploration, leverage appropriate tools for data processing, and build scalable automation pipelines using Azure Databricks.
- Led Optimization Project: Spearheaded an initiative aimed at reducing transportation costs while minimizing delivery times, enhancing overall operational efficiency.
- Engaged with Product and Business Owners: Collaborated to understand requirements for data and AI solutions and test the performance of implemented solutions.
- Employed Statistical Analysis and Probabilistic Approaches: Utilized statistical methods to analyze data distributions and trends.

Consultant

Design Center

Sep 2014 - May 2015

- Provided tailored consulting services to small and medium enterprises (MSMEs) to address unique business challenges.
- Developed innovative strategies to enhance operational efficiency and drive growth.
- Conducted in-depth analysis of client operations to identify areas for improvement.
- Implemented data-driven solutions that optimized resource allocation and reduced cost.