ASHISH RAWAT

Data Scientist | Machine Learning | Analytics

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Summary

Experienced data scientist with expertise in developing models, pipelines, and algorithms to solve complex business problems.Proficient in Python, SQL, AWS, GCP and state-of-the-art machine learning, forecasting techniques and Large Language Models(LLM)

Experience

Data Scientist

Brillio

November 2022 – Present   📍 Pune, India

- Developed a backend batch service for a dental insurance client to classify claim documents using AWS services resulting in improved document processing efficiency, enabling the client to handle a larger volume of claims
- Created and deployed a chatbot utilizing LLM and LangChain framework on Google Cloud Platform for an insurance client, leading to enhanced customer service, improved user experience, and streamlined communication processes

Senior Data Scientist

Guavus – A Thales company

January 2022 – November 2022   📍 Gurugram, India

- Successfully implemented a forecasting-based inventory management system for a credit card manufacturer, resulting in over 60% improvement in delivery date estimation and significant cost savings

Data Science Analyst

Accenture

October 2020 – January 2022   📍 Gurugram, India

- Conducted accurate inventory forecasting for a packaged food manufacturer using state-of-the-art techniques, including ARIMA, prophet, and regression algorithms, along with Bayesian hyperopt for model selection and parameter tuning
- The forecasting results provided critical insights for inventory planning, resulting in a 16% reduction in WMAPE

Analyst

Interglobe Aviation Ltd.

July 2019 – July 2020   📍 Gurugram, India

- Leveraged unsupervised machine learning and forecasting techniques to optimize pricing for an airline's 'Express check-in' service, resulting in a 10% increase in revenue
- Inventory optimization through forecasting, overbooking and yield max models to manage irregular demand through markets and seasons

Data Analyst

NEC Technologies India

May 2018 – July 2019   📍 Noida, India

- Developed Churn model in Python for E-Wallet application using gradient boosting on Decision tress and provided focus segments of customer for revenue maximization

SKILLS

- Python, SQL
- Predictive Modeling
- Forecasting models (Prophet, Arima)
- LLMs, GenAI
- AWS, GCP cloud platforms
- Deep learning
- Docker, Flask

CERTIFICATIONS

Professional Machine Learning Engineer
Google Certified – Dec'23

Statistical Learning
Lagunita, Stanford University – Dec'17

EDUCATION

MBA from IIT Roorkee
June 2016 - May 2018

B.E in Mechanical Engineering
Panjab University, Chandigarh
July 2011 - July 2015

STRENGHTS

🎖 **Analytical Skills**
Proficient in data analysis and modeling

👥 **Teamwork**
Experience in collaborative environments

💡 **Innovation**
Ability to research and test new tools