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

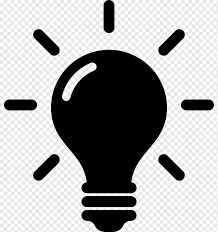
**Analytical Skills**

Proficient in data analysis and modeling

**A group of people standing together

Description automatically generatedTeamwork**

Experience in collaborative environments

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**Innovation**

Ability to research and test new tools