

Md Arshad Ali

Data Scientist

Experienced Data Scientist with a strong background in machine learning, deep learning, NLP, and generative AI. Skilled in using SQL and analytics to develop innovative solutions. I effectively collaborate with teams and communicate insights to integrate AI into business processes, creating models that improve decision-making and uncover new opportunities.

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WORK EXPERIENCE

Assistant Manager Genpact India Pvt. Ltd.

01/2022 - Present

Gurugram

Achievements/Tasks

- **Efficiency Boost** : Deployed predictive models that Improved process time by **30%** and resource costs by **25%**.
- **Cross-Functional Impact** : Collaborated with teams to optimize processes, increasing productivity by **20%**.
- **Client Success** : Delivered data solutions that raised revenue by **15%** and enriched client retention by **25%**.
- **Data Automation** : Implemented pipelines reducing manual tasks by **50%** and data errors by **40%**.

Data Analyst Axa XL

10/2021 - 01/2022

Gurugram

Achievements/Tasks

- **Enhanced Risk Models**: Designed machine learning-driven risk assessment models, improving underwriting accuracy by **30%** and reducing claim incidents by **20%**.
- **Fraud Detection** : Developed algorithms that reduced fraudulent claims by **25%** , resulting in significant cost savings.
- **Project Management**: Successfully managed **5+** projects simultaneously in a fast-paced environment, consistently meeting deadlines with **100%** on-time delivery.

Senior Analyst Genpact India Pvt. Ltd.

02/2021 - 10/2021

Gurugram

Achievements/Tasks

- **Data Exploration**: Analyzed large datasets to uncover trends, patterns, and anomalies, providing valuable insights for business strategy.
- **Strategic Collaboration**: Provided actionable insights that ameliorated decision-making and optimized processes, resulting in a **20%** increase in efficiency.
- **Automated ETL Pipelines** : Established automated pipelines that decreased manual effort by **50%** and minimized data errors by **40%** .

Data Analyst Deloitte

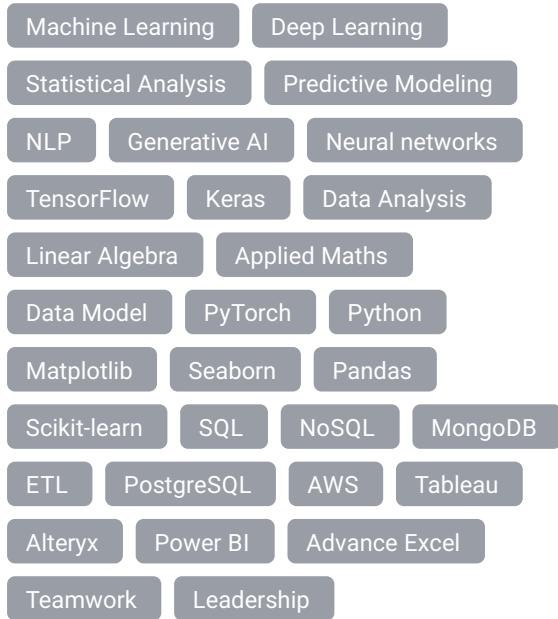
08/2018 - 02/2021

Gurugram

Achievements/Tasks

- **Data Analysis & Insights** : Extracted actionable insights with SQL, Python, and R, improving client operations by **25%** .
- **Custom Reporting** : Refined reports and dashboards, enhancing client performance and cost-efficiency by **20%** .
- **Predictive Modeling**: Leveraged predictive modeling to forecast trends and uncover growth opportunities, enhancing client profitability by **15%** and reducing risk exposure by **10%**.

SKILLS



PERSONAL PROJECTS

Movie Recommended System

- **Optimized Model Selection**: Generated a movie recommender system by evaluating multiple models and selecting the one with the highest accuracy, enhancing recommendation precision.
- **Performance Tuning** : Fine-tuned models to maximize accuracy, ensuring the system delivers relevant and reliable movie suggestions.

E-Commerce EDA & Feature Engineering

- **Comprehensive EDA** : Conducted in-depth exploratory data analysis (EDA) on e-commerce datasets, uncovering key trends and patterns to inform business strategies.
- **Data-Driven Insights** : Transformed raw e-commerce data into actionable insights, driving improvements in customer segmentation, pricing strategies, and marketing efforts.

EDUCATION

Master of Business Administration IGNO University

01/2022 - 06/2024

Bachelor of Commerce University of Delhi

05/2014 - 05/2017