

APURVA ARYA



PROFILE SUMMARY

- MSc in Business Analytics graduate with extensive experience in data analysis, project management, and customer service.
- Proven ability to manage and analyze large datasets, communicate complex findings to stakeholders, and drive data-driven decisions.
- Adept at using advanced Excel, Python and python libraries, SQL, and other programming languages for complex problem-solving and data management.
- Previously as a Claims Handler, analyzing claims data to uncover trends and irregularities, providing actionable insights to stakeholders, and improving claims processing efficiency.
- Proficient in SQL, Python, PowerBI, and advanced analytical techniques, leveraging these tools to extract insights, optimize decision-making, and support business growth.
- Led initiatives to improve data visualization and predictive modeling capabilities, enhancing stakeholder engagement and reducing fraudulent claims through advanced data analysis.



WORK EXPERIENCE

Claims Handler

Motability Operations, Liverpool, UK

Direct Line Group

May 2024 – January 2025

- Analyzed extensive claims datasets to uncover trends and insights, driving strategic decisions and improving operational efficiency.
- Utilized advanced Excel and SQL techniques to process, query, and generate accurate, comprehensive reports on claims data.
- Identified anomalies and patterns in claims data, presenting findings to non-technical teams and senior management to inform decision-making.
- Collaborated with cross-functional teams to streamline processes, ensure regulatory compliance, and develop documentation to support training initiatives.

Senior Software Development Associate

NTT Data, Bangalore, India

October 2018 – September 2021

- Utilized Microsoft Azure as a third-party IT service provider for application development and hosting, increasing software efficiency by 10%.
- Analyzed business processes, scoped complex problems, and developed recommendations to improve business efficiency by 20%.
- Optimized database access by implementing efficient JDBC queries and stored procedures in Java, reducing query execution time by 20%.
- Developed strategic solutions through promotional data analysis to troubleshoot business issues, increasing efficiency by 19%.



PROJECTS

Football Winner Prediction Analysis Project

Personal Project

2022

- Analyzed historical data, player statistics, and team performance metrics to predict football tournament winners using predictive modeling techniques.
- Cleaned and processed data with NumPy, Pandas, and Scikit-Learn, applying these tools for data cleaning, feature engineering, and model building.
- Developed a logistic regression model, achieving a 50% accuracy rate in predicting tournament outcomes.
- Visualized key metrics using PowerBI, demonstrating strong data analysis skills and the application of machine learning techniques to real-world problems.



CERTIFICATIONS COURSES

- Google Analytics
- SQL for Data Science
- Project Management
- Applied AI Lab Deep Learning for computer vision

Pursue opportunities to apply as a Business Analyst and nearly 4 years of experience in software development, data analysis and project management, aiming to contribute effectively in analyst or consultant positions across various sectors.

PERSONAL DETAILS



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EDUCATION

Master of Science in Business Analytics

University of Exeter (Russell Group), 2021 – 2022

Bachelor of Engineering in Information Science

Dayanand Sagar Academy of Technology and Management, 2014 – 2018

CORE COMPETENCIES

Data-Driven Decision Making
MS Office
Business Process Optimization
Predictive Analytics Techniques
Customer Relationship Management Strategies
Project Lifecycle Management
Stakeholder Engagement Strategies
Risk Assessment and Mitigation
Data Governance and Compliance

TECHNICAL SKILLS

Advanced Excel for data manipulation and analysis
SQL for database querying and management
Python and its libraries (NumPy, Pandas, Matplotlib) for data analysis
PowerBI for data visualization and reporting
JIRA for project management and tracking
Relational Database Management Systems (RDBMS)
Java for application development and data processing
Business Analysis methodologies for process improvement
Data analysis techniques for large datasets
Statistical analysis and probability modeling

PERSONAL DETAILS

DOB: 17th April 1997

Languages Known: English & Hindi

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