

Kunjali Mahant

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DATA ANALYST

Accomplished and Results-driven Data Analyst with 2 years of experience in analyzing complex datasets and delivering actionable insights. Proficient in data cleaning, preprocessing, and exploratory data analysis to uncover trends and support data-driven decision-making. Adept at leveraging tools such as Python, SQL, and Power BI to create compelling visualizations and interactive dashboards. Skilled in hypothesis testing, market basket analysis, and customer behavior analysis to drive business growth. Strong communicator with a proven ability to translate data into strategic recommendations and effectively present findings to stakeholders. Committed to continuous learning and leveraging cutting-edge technologies to support organizational growth and success.

AREA OF EXPERTISE

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|------------------------------------|--------------------------------|-------------------------------|
| • Advanced Data Modeling | • Big Data Technologies | • Real-time Data Processing |
| • Data Warehousing | • Data Governance | • Business Intelligence |
| • Data Integration | • Debugging/Troubleshooting | • Data Security |
| • Statistical Modeling | • Data Automation | • A/B Testing |
| • Data Visualization Tools | • Data Ethics | • Project Management |
| • Data Anomalies Detection | • Cloud Data Solutions | • SQL Optimization |
| • Advanced Analytics | • Data Extraction Techniques | • Data Pipeline Design |
| • Technical Training | • Story Telling | • Data Validation |
| • Interactive Data Reports | • Database Optimization | • Advanced SQL |
| • Data Pipeline Automation | • Requirements gathering | • Process reviews |
| • Digital Analytics Implementation | • Custom Dashboard Development | • Data-driven Decision Making |

TECHNICAL SKILLS: **Programming Languages:** Python, SQL, JavaScript, HTML + CSS | **Data Handling & Analysis:** Data Cleaning and Preprocessing, Handling Missing Values, Outliers, and Inconsistencies, Data Visualization (Matplotlib, Seaborn, Tableau, Power BI), Statistical Modeling, Quicksight, DAX | **Web Development:** Python Libraries (e.g., Pandas, NumPy), Django | **Cloud/Databases:** AWS (Amazon Web Services), MongoDB, MongoDB Atlas, MySQL, PostgreSQL, SSMS, PGAdmin | **Tools:** VSCode, MongoDB Compass, PowerBI, Jupyter, Excel, Pentaho Data Integration, SAS Viya, JIRA | **Data Warehouse Tools:** Snowflake

CORE COMPETENCIES

- Data Analysis:** Expertise in analyzing complex datasets to derive actionable insights using tools such as Python, SQL, and Excel(Power Query).
- Data Visualization:** Proficient in creating impactful visualizations and dashboards with tools like Power BI, Tableau, and Matplotlib to effectively communicate data-driven insights.
- ETL Processes:** Skilled in designing and implementing ETL workflows to extract, transform, and load data from various sources, ensuring data integrity and accuracy.
- Database Management:** Proficient in database design, management, and querying with SQL and NoSQL databases such as MySQL, MongoDB, and AWS S3.
- Statistical Analysis:** Strong foundation in statistical methods and techniques for hypothesis testing, predictive modeling, Regression analysis and data interpretation.
- Programming Languages:** Advanced proficiency in Python, R, and SQL for data manipulation, analysis, and automation.
- Cloud Computing:** Knowledgeable in cloud platforms and services, including AWS and Azure, for scalable data storage and processing solutions.
- Communication Skills:** Effectively conveying complex concepts in a clear and understandable manner.
- Stakeholder Communication for Assurance:** Demonstrated expertise in partnering with clients to comprehend their needs, offer technical support, and deliver customized solutions that align with their business goals.

EDUCATION

Gujarat Technological University | 2015 - 2019
Bachelors in Computer Engineering, GPA: 3.7
Saskatchewan Polytechnic | Saskatoon | 2023 - 2024
Artificial Intelligence/Data Analytics, GPA: 3.85

PROFESSIONAL EXPERIENCE

MEDALLIA

BUSINESS ANALYST (REMOTE)

OCT 2022 - JULY 2023

Developed and maintained comprehensive documentation for processes and systems, ensuring clarity and consistency for future reference and training purposes. Led the design, setup, and review processes for implementations, optimizing the platform to meet clients' specific needs.

Key Achievements:

- Collaborated directly with clients to gather and analyze requirements, identifying potential solutions to meet their business objectives.
- Executed product implementations, working closely with team members to deliver customer implementations and enhancements.
- Partnered with global clients to provide strategic support on new features, advanced reporting, and Salesforce (SFDC) integration, resulting in a 40% increase in client satisfaction metrics(KPIs).
- Followed the ETL process to extract data from multiple sources, transforming, Automating Process and visualizing it to derive business insights.
- Demonstrated willingness and enthusiasm for learning new technologies, consistently seeking opportunities to enhance skills and implement innovative solutions to drive process improvements.
- Delivered technical support to clients, contributing to A/B testing and resolving system-related queries promptly and effectively.

MEDALLIA

ASSOCIATE BUSINESS ANALYST (REMOTE)

JULY 2021 – OCT 2022

Engaged with cross-functional teams, including product development and customer success, to drive continuous improvement and innovation in the platform. Provided ongoing support and troubleshooting for clients, resolving issues promptly to ensure seamless operation of the platform.

Key Achievements:

- Deployed and configured the Medallia SaaS platform for leading global Fortune 500 companies in the EMEA region.
- Worked closely with clients to understand their specific needs and tailored solutions to enhance their customer experience management.
- Conducted in-depth data analysis to provide actionable insights and recommendations, aiding clients in improving their business strategies.
- Configured surveys and reports using Medallia software, ensuring optimal functionality and accuracy to meet client requirements.
- Assisted in the creation of custom dashboards and visualizations to help clients monitor key performance indicators and trends.

PROJECTS

Data Analysis Project with MongoDB Pentaho Integration

- Completed a comprehensive project involving data import, querying, dashboard creation, and ETL replication using MongoDB.
- Imported data efficiently using the mongo import command.
- Developed interactive online dashboards with MongoDB Atlas.
- Implemented ETL processes using the Pentaho Data Integration tool for seamless data integration.

AWS IMDB Web Scraping and Data Analysis

- Scraped data from Amazon and IMDb websites, creating a Data Frame and storing it in an Amazon S3 bucket. Utilized web crawling and data analysis with Amazon Athena.
- Conducted web scraping using Python libraries such as BeautifulSoup and Scrapy.
- Created and cleaned a Data Frame from the scraped data, performing thorough data preprocessing.
- Stored the processed data in Amazon S3 for scalable and efficient storage solutions.

Insurance Claims Analysis

- Developed an analysis framework for insurance claims data, focusing on fraud detection and processing efficiency. Designed and managed a PostgreSQL data warehouse and ETL workflows to ensure data integrity while creating interactive dashboards in Power BI for actionable insights.
- Implemented a machine learning-based classification system using a Raspberry Pi to automate waste sorting, enhancing process efficiency and accuracy through predictive modelling.

CERTIFICATIONS

Data Engineering Foundation
Databases and SQL for Data Science with Python
Relational Database Administration (DBA)

