SIMRANJEET KAUR GILL

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SUMMARY

Analyst with a comprehensive foundation in Information Technology Management, alongside practical expertise in data analysis, visualization, and database management. Adept in utilizing SQL, Python, and PowerBI to unlock valuable insights from intricate data landscapes. Keen to apply analytical prowess and problem-solving skills within a forward-thinking, mission-driven organization to enhance strategic decision-making and operational excellence.

EDUCATION

Illinois Institute of Technology , Chicago - M.S., Information Technology and Management   May 2024
Relevant Coursework: Database Management Systems, Python programming, Data Mining and Business Intelligence, Consulting for Technical Professionals, IT Frameworks, Data Management, API integrations.

Barkatullah University, India - Bachelor of Commerce (Honors in Accounting and Management)   May 2021
Relevant Coursework: Accounting, Marketing Trends, Management Tools and Techniques, Statistical and predicative models, Business Law, Taxation, Corporate Finance, Project Management.

PROFESSIONAL EXPERIENCE

Kalpataru Power Transmission Ltd, India - Analyst   August 2021 - May 2022
- Gathered and analyzed data to identify trends, inefficiencies, and opportunities for optimization. Resulted in a 15% improvement in strategic planning and outcomes in multiple projects.
- Created interactive dashboards and detailed reports using Tableau and Power BI to present KPI and project progress to stakeholders, leading to a 15% increase in decision-making and performance monitoring.
- Assisted in project management by analyzing data, tracking milestones, and ensuring projects stayed on time and within budget, improving overall project efficiency.
- Collaborated with cross-functional teams to streamline data integration, reducing data processing time.
- Managed large databases and developed predictive models to optimize resource allocation, reducing operational costs and improving system reliability.

Ravi Sahu and Associates, India – Intern   May 2020 - August 2020
- Maintained bookkeeping for 15 clients, ensuring accurate and timely recording of transactions in general and subsidiary ledgers.
- Supported the preparation and reconciliation of financial statements, improving report precision by 25%.
- Coordinated the filing of income tax and GST returns for more than 10 organizations, ensuring compliance and accuracy.
- Developed and maintained financial databases and spreadsheets, incorporating automation features that reduced data entry time by 20%.
- Performed monthly bank and account reviews to ensure the accuracy of financial records.

ACADEMIC PROJECTS

Data Manipulation| Flight Reservation and Booking System   Tech Stack: SQL, Oracle
- To develop a comprehensive flight reservation system that ensures high data integrity and operational functionality.
- Engineered and managed the system using SQL, executing DDL and DML queries for database design, and developed extensive test data to simulate operational scenarios, enhancing system reliability and performance.

Data Visualization| HR Analytics Dashboard   Tech Stack: Tableau, Excel
- To create a Dashboard that provides comprehensive insights into workforce data, enhancing HR decision-making and operational efficiency.
- Designed and developed the dashboard using tools like Tableau, integrating data from various HR systems, and applying advanced analytics to visualize key metrics, predict trends, and support strategic HR initiatives.

Data Analysis | Customer Sentiment Analysis   Tech Stack: R Studio, Excel
- To analyze customer feedback from a women's clothing e-commerce platform to identify key insights into customer satisfaction and fashion trends.

- Employed R Studio for data cleaning, transformation, sentiment analysis, and statistical modeling, delivering comprehensive insights that informed strategic marketing and business decisions.

SKILLS AND CERTIFICATIONS

Languages: Python, SQL, R
Visualization Tools: Tableau, Power BI
Database: MySQL, SQL Server, Oracle
Packages: Pandas, NumPy, Matplotlib, PySpark
Analytical skills: Data visualization, Data extraction, V-Lookup, Pivot, Data Quality Assurance, Data Manipulation.
Product Management: Market research & Analysis, Project Management, Cross-functional Collaboration, Data Analysis & Interpretation, Communication & Stakeholder management, Adaptability and Flexibility.
Other Tools: MS Excel, MS Office, MS Projects, R Studio
Certification: Python-Data Structure, Business Analytics for decision making, Relational Database Implementation and Applications, Project Management, Data Modeling in Power BI.