SIMRANJEET KAUR GILL

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EDUCATION

Illinois Institute of Technology, Chicago, Illinois - Master of Information Technology Management   **May 2024**

San Diego State University, San Diego, California - MS in Management Information System   **May 2023**

Barkatullah University, India - Bachelor of Commerce (Honors)   **July 2021**

SKILLS

Languages: Python, SQL, R, HTML

Tools: MySQL, Power BI, MS Excel, MS Project, MS Office suite, R Studio

Packages: Pandas, NumPy, Matplotlib, Seaborn

Analytical skills: Data visualization, Data extraction, V-Lookup, Pivot

Coursework: Object-Oriented Application Development, Service Oriented Architecture, Consulting for Technical Professional, Client- Server Technology, Process Engineering for Information Technology Manager, Information Technology Frameworks, Enterprise Database Management, IS Security Management, Advance topic in Data Management.

Certification: Python-Data Structure, Business Analytics for decision making, Relational Database Implementation and Applications, Project Management, Data Modeling in Power BI.

PROFESSIONAL EXPERIENCE

Galaxy Construction, Shivpuri, India – Analyst   **October 2021 – May 2022**

- Analyzed a variety of reports pertaining to company operations, including budgets and sales results, achieving an 75% accuracy rate in data quality.
- Assisted in coordinating supply chain processes, aiding in reporting, data management and strategy implementation across construction projects.
- Participated in 2 projects to support the development and implementation of automated data workflow using Python, extracting data from management software, which helped in reducing manual reporting by 15%.
- Contributed to the creation of a KPI dashboard using Power BI, focusing on essential construction metrics like project deadline and budget management, contributing to a 10% improvement in project efficiency.

Vindhyachal Filling Centre, Bhopal, India– Intern   **September 2020 – January 2021**

- Analysed data for 250 customers and provide query assistance and supported the team by reviewing and refining data for deficiencies.
- Evaluates the completeness and accuracy of 50-70 monthly journal entry data to aid in the preparation, maintenance and verification of financial records and accounting statistics.
- Monitored and optimized workflow processes, resulting in a 40% reduction in maintenance costs.
- Recorded financial statements and managed accounting statistics which proceeds to management and sales team.

PROJECTS AND RESEARCH

Domain: Data Manipulation| Flight Reservation and Booking System| **Tech Stack: SQL, Excel**

- **Objective:** To create a flight reservation function by loading and to create DB Tables and executing DDL and DML queries.
- **Solution:** Designed ER Diagrams, and conceptual models, created database objects, and wrote SQL queries to normalize and populate data into normalized tables from the provided raw files.
- **Key Achievement:** Generated test data to simulate Passenger details, flight details, and available seats.

Research: Impact of an advertisement on consumer buying behavior | A study with special reference to the FMCG industry.|
Tech Stack: Excel, G*Power

- **Objective:** To identify the impact of advertisement on consumer buying behaviour in the FMCG industry.
- **Solution:** Designed structural and measurement models, performed G*Power Analysis and used descriptive research method to study

the factors Influencing.
- **Achievement:** Prominent inputs such as social media and television are popular platform for influencing consumer buying behaviour for marketing firms.

LEADERSHIP AND ORGANIZATIONAL EXPERIENCE

- Event coordinator in Art expo and exhibition BLAZE – The Bhopal School of Social Sciences.
- Volunteered in NGO (ANSH Happiness Society, Bhopal) that works for village development.
- Class Representative – The Bhopal School of Social Sciences.