

HARSHITA PURASWANI

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EDUCATION

University of Illinois at Chicago (GPA: 3.5/4.0)

Chicago, IL

Master of Science in Management Information System

December 2022

Relevant Coursework: Data Mining, Statistics for Management, Machine Learning, Business Data Visualization, Advanced Database Management System

Rajasthan Technical University, India

Jaipur, India

Bachelor of Technology in Computer Science (GPA: 3.5/4.0)

June 2016

Relevant Coursework: Database Management System, Data Structures and Algorithms, Cloud Computing

SKILLS

Database: MySQL, Oracle, SQL Server, MongoDB

Analytics Tool: Tableau, Power BI, MS Excel

Programming Languages: Python, R, Java, Selenium

PROFESSIONAL EXPERIENCE

Targeted Technology Solutions, Chicago | Project Intern

Nov 2021 - Dec 2021

- Built a launch strategy for a startup on-demand streaming platform, by analyzing other platforms, performing SWOT analysis, and implementing industry framework.

Cognizant Technology Solutions, India

Associate Analyst, First Abu Dhabi Bank, India

June 2019 - July 2021

- Designed and built statistical analysis models of large data sets resulting in \$1.2M annual savings
- Identified areas where operational efficiency can be improved through automation and implemented those enhancements. Credited as a primary driving force behind a 5% increase in margins
- Evaluated & recommended data collection enhancements based on stakeholder requirements and product vision

Programmer Analyst, First Abu Dhabi Bank, United Arab Emirates

Jan 2018 - May 2019

- Optimized data collection procedures and generated reports on weekly, monthly, and quarterly basis
- Designed **Tableau** dashboards to monitor customer migration
- Used statistical models to correlate various data sets and draw conclusions for strategic business improvement actions

Programmer Analyst Trainee, Discover Financial Services, India

Nov 2016 - Jan 2018

- Responsible for analyzing the system specifications, business requirements for full understanding of the business in **Agile** methodology
- Analyzed data to perform root cause analysis of technical issues with **MS Excel**

PROJECTS

- **Online Dashboard to track airline performance:** Built an online dashboard on **Tableau** to visualize the on-time performance of southwest airlines with respect to other airlines
- **Machine Learning Model** - Created a dataset using **Python** standard functions and implemented K Nearest Neighbor Algorithm from scratch.
- **SQL Server 2014 Database Design and Implementation:** Created a ETL (Extract, Transform and Load) solution that reads data using **SSIS** and generated various reports using **SSRS**.
- **GPA Calculation:** Implemented **Logistic Regression** using **R** to interpret odds for different types of education levels using BIC variable selection
- **German Credit Risk Analysis:** Built a **decision tree** model using **R**, performed exploratory data analysis, and predicted accuracy for the different models to find out the best model.