UTKARSH PANCHAL

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EDUCATION

Arizona State University   Aug 2024-May 2026

Master's Degree, Information Technology, **GPA: 3.8/4.0**   *Tempe, AZ*

Coursework: Big Data, Database, Data Visualization, Statistics, Data mining, and Project Management

Kadi Sarva Vidhyalaya   Aug 2020-May 2024

Bachelor's Degree, Computer Science, **GPA:3.6/4.0**   *Gandhinagar, India*

Coursework: Machine Learning, DBMS, Management Information System

SKILLS

Analysis & Visualization Tools: Power BI, Tableau, Microsoft Excel, Visio, Hadoop, Google Analytics

Programming Language: SQL, Python, SPSS, SAS, SAP

Database Management System: Microsoft SQL Server, MySQL, Oracle, PostgreSQL, NoSQL, SSRS, SSIS, MongoDB

EXPERIENCE

Iota Diagnostic PVT.   Jan 2023 – March 2024

Data Analyst Intern   *Ahmedabad, Gujarat*

- Conducted data analysis on 200 group accounts, delivering insights that enhanced decision-making by 25%.
- Engineered and integrated a KPI dashboard for a request management tool using Power BI, improving performance tracking by 30%
- Automated reporting processes to calculate end-to-end cycle time across 5 operational areas, reducing time by 20% through Advanced DAX.
- Led data collection processes with SharePoint and Power Automate, boosting accuracy by 40%.
- Created a cross-platform web app using PowerApps, enhancing interdepartmental usability and boosting collaboration by 35%

Maxgen Technologies Pvt. Ltd   June 2022 – Sep 2022

Business Analyst Intern   *Pune, Maharashtra*

- Utilized analytical techniques on large datasets to address high-risk cybersecurity constraints.
- Analyzed reports and tracked KPIs using Tableau, resulting in a 30% increase in product sales.
- Implemented data collection processes that enhanced communication between clients and 5 product teams, exceeding KPI goals by 67%.
- Engineered an automated ETL pipeline with SQL, boosting preprocessing efficiency by 45%.

PROJECT

Bank Loan Default Prediction | Python, Data Mining   Aug 2023 – Dec 2023

- Analyzed financial data for 100,000 borrowers using Python to conduct loan default analysis
- Achieved 96% accuracy in predicting loan defaulters by comparing Random Forest and XGBoost models

Heart Disease Prediction Modelling | Python, SQL, Tableau, Spark   Mar 2023 – June 2023

- Examined heart disease data of 1.3M patients with high probability of experiencing heart attacks in future
- Predicted patients at highest risk by developing machine learning models (Random Forest, SVM) with 92% accuracy

Airline Comparison Analysis | Tableau and MS Excel   Dec 2022 – Jan 2023

- Investigated airline comparison analysis using Tableau, analyzing 3.9 million flight records for American Airlines in 2020
- Developed 27 customized Tableau dashboards to identify 17% flight delays and compare performance with Delta Airlines