

# Rishi Dhandi

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## EDUCATION

### St. Cloud State University

Master of Science (M.S.) in Engineering Management

Plymouth, MN

Aug 2021 - Present

### Shri Vaishnav Institute of Technology and Science (RGPV) India

Bachelor of Engineering (B.E.) in Electronics and Communication Engineering

Madhya Pradesh, India

Dec 2017

## EXPERIENCE

### Alliant Infotech | Data Analyst

Aug 2018 – Jul 2021

- Conducted **ad-hoc analyses** to identify trends, opportunities, and potential areas of improvement for clients' marketing and sales strategies using **Python, SQL, and Tableau**.
- Developed and maintained **dashboards** and reports in **Power BI** to monitor **KPIs** and track business performance for multiple clients, resulting in 38% improvement in landing page conversion rate and 15% increase in client leads.
- Led a team of 4 analysts to explore customer data, identify patterns, and develop **predictive models** to inform business decisions and improve sales strategies. Mentored and coached less experienced analysts to develop their analytical skills.
- Improved data management and reporting processes by discovering new storage and tracking methods for live data and creating **standard operating procedures (SOPs)** for the analyst team.

### APT IT Solutions | Jr Data Analyst

Jan 2018 - Aug 2018

- Worked across marketing and product business units to build the reporting infrastructure in Tableau from the ground up.
- Created an interactive cohort analysis report in **Tableau Server** for the product team with global filters and parameters that helped improve monthly retention by 17% for a specific target.
- Automated processing of billions of rows of data from **Redshift** and **Postgres** to improve real-time reporting of product metrics, saving the company \$273K yearly in reduced downtime.
- Presented presentations concerning ad-hoc research and findings from disparate sources to upper-level management.
- Perform pre-processing of data like **cleaning, data cleaning, feature selection, transformation, data mining, pattern evaluation, and knowledge presentation**.

## ACADEMIC PROJECTS

### Cervical Cancer Prediction with ML

Jan 2023

- Built and trained an **XG-Boost** classifier to predict whether a person has a risk of having cervical cancer. Performed **Exploratory Data Analysis and Data Visualization** on the training data set. Prepared the data and spitted into training and test dataset before Model Training. XG-Boost-Algorithm was trained and evaluated for this task using the sci-kit library in Python. The Accuracy for this Machine Learning Model came out is 99.562 % (Training Dataset) and 95.348 % (Test Dataset)

### Analysis with Fuel Economy Data

Dec 2021

- I will analyse the Fuel Economy dataset in this project and then provide our conclusions. I have conducted activities including **assessing data, cleaning column labels, filtering, dropping nulls, deduplicating, inspecting data types, fixing data types, experimenting with visuals, and merging datasets** using the Python libraries NumPy, pandas, and matplotlib.

### The Movie Dataset Analysis

Nov 2021

- I have to analyse a dataset in this project and then communicate our findings. I have used the **Python** libraries **NumPy, pandas, and matplotlib** to make analysis easier.

## RELEVANT COURSEWORK

Big Data | Data Analytics | Data Visualization | Data Analytics | Big Data Analytics | Data Analysis | Supply Chain & Logistics | Lean Six Sigma | QualityEngineering | Research Methods |

## TECHNICAL SKILLS

**Programming:** Python, R Language, SQL | **Visualization:** Tableau, Power BI, Data Studio, Jupiter Notebook | **Methodologies:** Agile, Scrum, SDLC, Git Flow | **Databases:** MySQL, PostgreSQL | **Data Analysis:** Exploratory Data Analysis, Predictive Modelling, Machine Learning | **Soft Skills:** Good verbal and written communication skills, presentation and data storytelling skills. | **Other Skills:** MS Excel, PivotTables, VLOOKUP, XLOOKUP, ETL (Extract, Transform, Load), Dashboard creation, Business Intelligence, Data Mining, and Data Warehousing.

## CERTIFICATIONS

### Business Analyst

Oct 2019

- IT **Business Analyst** Training from IIBA EEP (Endorsed Education Provider)