

PRANAV SORTE

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EDUCATION

Masters of Science in Data Science	Indiana University Bloomington	Present : 3.8	2023 - 2025
B.Tech. Electrical Engineering	Sardar Patel College of Engineering	8.92	2017 - 2021

Coursework: Applied Machine Learning, Applied Algorithm, Introduction to Statistics, Data Mining, Advanced Database Concepts, Usable Artificial Intelligence

SKILLS

Analysis & Visualization Tools: Power BI, SQL Server Mgmt Studio, MySQL Workbench, Postgres SQL, MongoDB, Tableau, Excel, Big Query, Looker Studio, SAS, Google Cloud Platform

Programming: SQL, Python (Numpy, Pandas, Matplotlib), SAS, R, React, Java, C++

Other Tools: Azure DevOps, Jupyter, Atlassian Jira, Mage, Hue Editor

PROFESSIONAL WORK EXPERIENCE

Data Analyst Intern - Global Connected Living

May 2024 – Aug 2024

Assurant - Atlanta, GA - USA

Tools: SQL Server Management Studio, Power BI, MS Excel, Azure DevOps

- Created dashboard for monitoring & analyzing mobile repair CO₂ emissions, increasing analysis capacity by 1010% & identifying a potential 35% reduction in carbon footprint. Added dynamic pop-up error message for input accuracy
- Enhanced procurement request strategies with an insurance dashboard by performing data cleaning, advanced data modeling, & creating dynamic multi-page time-adaptable visuals, boosting business wins by 20%
- Hosted weekly Intern 'Happy Hour', planning Pictionary, Bingo, fun polls, & fostering conversations & connections

Marketing Data Analyst

Aug 2021 – Jun 2023

Axis Bank - Mumbai, MH - India

Tools: SAS EG, MySQL Workbench, Tableau, Power BI, Jupyter, Atlassian Jira, MS Excel

Digital Sole Proprietary Checking Account:

- Boosted customer acquisition by 35% through A/B testing and funnel analytics, optimizing onboarding strategies
- Conducted statistical analyses via logistic regression identifying cross-selling products, improving portfolio by 5%
- Led agile BIU Data mart development from complex JSON data, cut errors by 80%, sped up reporting by 70%
- Coached analysts on building scalable data sets, cutting data manipulation time by 50% for analyses and dashboards

Digital Individual Checking Account:

- Executed crucial control analysis & tracked reports, resulting in improvement of 32% in campaign conversion rates
- Accomplished a 60% reduction in false rejects during account opening by implementing decision tree classification
- Engineered customer segmentation models, boosting 60%+ account acquisitions & 30%+ portfolio balances

Branch of the Future Service Requests:

- Employed propensity models for optimal engagement in checkbook & account-statement requests
- Built 7 KPI dashboards. Increased monitoring frequency from monthly to daily & increased data democratization

LEADERSHIP & VOLUNTEER EXPERIENCE

Event Assistant - Student Involvement & Leadership Center

May 2024 – Jun 2024

Indiana University - Bloomington

- Managed activity zones & orientation sessions, ensuring a welcoming environment for new students
- Organized information tables & provided detailed resources to students & parents
- Coordinated & executed movie nights, handling resource collection & venue setup
- Developed logistical plans for campus events, enhancing operational efficiency & participant satisfaction

Banquet Server - IU Catering

Aug 2023 – May 2024

Indiana University - Bloomington

- Set up & arranged banquet spaces, including tables, linens, & centerpieces, according to event specifications
- Delivered food & beverages to guests, ensuring exceptional service & accommodating special requests
- Maintained cleanliness & organization of the dining area, assisting with event setup & teardown

Community Volunteer

May 2022 – May 2023

Robin Hood Army

- Coordinated weekly food drives, distributing surplus food from restaurants & the community to those in need
- Empowered 100+ underprivileged children through tailored education in math, science, & language arts

Recruitment Coordinator

Jun 2020 – Sep 2021

Sardar Patel College of Engineering - Mumbai, India

- Liaised students & companies for the placement of 75% of the class
- Compiled data for 250+ students and 50+ industries, overseeing test administration, GD/PI sessions & medical exams

SKILLS

Analysis & Visualization Tools: Power BI, SQL Server Mgmt Studio, MySql Workbench, Tableau, Excel, SAS EG
Programming: MySQL, Python (Numpy, Pandas, Matplotlib), SAS, R, React, Java, C++
Other Tools: Azure DevOps, Jupyter, Atlassian Jira, Google Cloud, Mage, Hue Editor, Big Query, Looker Studio
Certifications: DeepLearning.ai Specialization; SQL - SAS; Google Analytics Academy; & the like [Github](#)

SENIOR YEAR ACADEMIC PROJECT EXPERIENCE

Techno-Economic Analysis of Hybrid Renewable Power System **Jun 2020 – Apr 2021**
[Github](#)
Mrs. Sumbul Abidi, SPCE

- Conducted comprehensive analysis of solar PV panel, wind turbine, and battery system data (15-minute intervals) to craft a resilient model for an independent hybrid renewable energy system (RES)
- Achieved a 50% reduction in average net present cost of energy, maximizing RES efficiency

PROJECT EXPERIENCE

Data Analyst - [Github](#) **Sep 2024**
T20 WorldCup Cricket: Scoring Big with Data Insights | Python, Power BI, MS Excel

- Extracted JSON data from ESPNcricinfo & used pandas for cleaning & structuring, reducing processing time by 30%
- Power Query & M Language: Ingested, wrangled & transformed data, fine-tuning parameters (batting avg, boundary%, strike rate), improving data quality by 25%
- Established data relationships, applied DAX calculations, measures, & filter functions, while using hierarchies. The dashboard features tables, graphs & charts with slicers & hover visualizations

Data Analyst - [Github](#) **Aug 2024**
Netflix Dashboard | Python, Tableau, MS Excel

- Utilized map visualizations & calculated fields to offer insights into Netflix content, enabling exploration & comprehension of content genres & ratings
- Integrated interactive action filters for geographical analysis, allowing users to explore & understand the geographic distribution of Netflix content across different regions & demographics

Data Engineer & Analyst - [Github](#) **May 2024**
Uber ETL Pipeline & Analytics | Google Cloud, SQL, Mage, BigQuery, Looker Studio

- Implemented end-to-end data engineering project using GCP, Python, & SQL for Uber data. Achieved a 20% reduction in processing time, optimizing the pipeline & enabling real-time insights on a live Looker Studio dashboard
- Created live data pipeline using Mage & performed ETL operations on BigQuery

Statistical Analyst - [Github](#) **Mar 2024**
Covid Analysis Using R | R Studio

- Performed Welch two sample t-test analysis indicating a strong age-COVID-19 mortality, with p-values ≤ 0.05
- Applied same t-test to confirm 99% confidence: Men have higher COVID-19 mortality risk than women

AWARDS & ACCOMPLISHMENTS

Graduate Assistant Fellowship - Indiana University Bloomington **Aug 2024**
• Awarded fellowship providing a tuition fee waiver & a \$23,000 stipend for the 2024-2025 academic year

Axis Bank ANCHORS - Game Changer Recognition **Sep 2022**
• Recognized by CEO Amitabh Chaudhry for role in achieving 30% boost in Digital Current Account engagement

Amazon India Datathon First Prize Winner **Mar 2022**
• Co-developed a user-friendly QnA chatbot prototype using AWS for Axis retail banking products
• Designed Lex conversational flow & FAQ database, integrating with Kendra through an S3 bucket

PERSONAL ACHIEVEMENT

Acknowledged discipline & determination by achieving 11kg weight loss via focused strength training & calorie management