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🌐 My Portfolio Website

Amrit Pritam Sangram Singh

Data Analyst



SUMMARY

Data analytics professional with 1.5 years of experience in leveraging tools like Python, SQL, Excel (including advanced functions like VLOOKUP, HLOOKUP, pivot tables), and Tableau to deliver impactful data insights. Skilled in predictive modeling, statistical analysis, and data visualization through platforms like Power BI, contributing to business intelligence, risk management, and financial services projects. Adept at managing data warehousing, ensuring data quality, and utilizing version control systems like Git to streamline project workflows. Experienced in business reporting, data governance, and analytics for supply chain and business operations, utilizing cloud computing platforms like AWS to automate processes and drive operational efficiency.

KEY SKILLS

• Data Analysis • Data Visualization (Tableau, Power BI) • Business Intelligence & Reporting, • SQL • Database Management • Project Management • Risk Management • Advanced Excel (VLOOKUP, HLOOKUP, Pivot Tables) • Data Governance • Data Quality • Predictive Modeling • Statistical Analysis, • Supply Chain • Financial Services Analytics • ETL (Extract, Transform, Load) Processes • Communication • Stakeholder Management • Problem Solving • Attention to Detail.

TECHNICAL SKILLS

Programming: Python, SQL
Data Visualization: Tableau, Power BI
Database Management: SQL, Data Warehousing
Data Handling: Data Extraction, Data Transformation (ETL), Data Modeling
Excel: Advanced Excel (VLOOKUP, HLOOKUP, Pivot Tables)
Predictive & Statistical Modeling: Statistics, Predictive Analysis, Quantitative Analytics
Cloud Computing & Automation: AWS, Cloud Computing
Version Control: Git, Version Control Systems
Data Governance & Management: Metadata, Data Integrity, Data Governance
Business Intelligence Tools: DAX Queries, Business Reporting, Dashboards

EDUCATION

Post Graduate Diploma in Data Science

Aug '23 - Oct '24

IIIT Bangalore & upGrad

Bengaluru, IN

- **Course Modules:**
 - Data Analysis using SQL | Introduction to Python | Introduction to Machine Learning and Linear Regression
 - Time Series Analysis | Telecom Churn Case Study | Lexical Processing | Syntactic Processing
 - Business Problem Assignment | Style Transfer using GAN
- Secured 89%

Bachelor of Technology in Computer Science

Apr '17 - May '22

Biju Patnaik University of Technology (BPUT), Rourkela

Rourkela, Odisha

- Secured 76%

KEY PROJECTS

Domain: Manufacturing | **Tech Stack:** Python | Jun '24

- **Objective:** An engineering giant was facing issues with its parts at risk of backorders supply chain problems
- **Solution:** Designed **logistic classification** to predict parts at risk of being back-ordered
- **Key Achievement:** Predicted with hard classes whether the parts at risk of backorders or not with a **score of 0.91**

Domain: Retail | Tech Stack: Python | Apr '20

- **Objective:** A retail company wanted to know whether to open a new store or not
- **Solution:** Designed **Random Forest models** to predict if a store should be opened or not in a particular location
- **Key Achievement:** Developed a model with an **AUC score of 82%**

Domain: Telecommunications | Tech Stack: Python | Apr '20

- **Objective:** Predict September churn using June-August data for high-value customers
- **Solution:** Data cleaning, EDA, filtering, and modeling with Logistic Regression and PCA methods
- **Key Achievement:** Identified churn indicators, enabling targeted retention strategies, Predicted churn risk with an **AUC score of 0.845**

PROFESSIONAL EXPERIENCE

Data Analytics Associate

Apr '23 - Dec '23

Siliconindia Pvt Ltd.

Bengaluru, IN

- Data Accuracy & Automation:
- Validated real-time data accuracy using SQL and Excel, and improved efficiency by 30% through automating data pipelines with Python.

- Data Collection & Web Scraping:
- Accelerated data collection by 2x using Python and Beautiful Soup for web scraping, enhancing data retrieval.

- Advanced Formula & Tool Optimization:
- Enhanced data search efficiency twofold by crafting advanced Google formulas and streamlining data processes with **Python**, resulting in more actionable insights

- Cross-Functional Collaboration:
- Collaborated with cross-functional teams to implement a business intelligence tool for data solutions, resulting in a **40% performance improvement** and accelerated project completion utilizing Python, SQL, and Tableau skills

Intern - Data Analytics Division

Jan '17 - Dec '18

iNeuron.ai, Pvt Ltd

Bengaluru, IN

- Utilized Random Forest and Gradient Boosting algorithms to craft credit risk models, resulting in a **20% decrease in defaults** and a 15% enhancement in accuracy
- Reviewed and analyzed over 10,000 data points encompassing customer data and financial metrics utilizing Excel, Tableau, and Python, resulting in a **20% reduction in anomalies**
- Improved data quality by 25% and decreased discrepancies by 30% through the utilization of **Python and SQL for data refinement**
- Developed 15 new **predictively-driven features**, elevating model interpretability by 20%
- Achieved 92% accuracy and 95% precision in credit risk prediction using Python.

CERTIFICATIONS

- **Soft Skills Training** | Byjus
- Getting started with Deep Learning by using Ai | **SkillUp Online**
- Full Stack Data Science | **Naresh IT**
- AWS | **Naresh IT**

ADDITIONAL INFORMATION

- Member of the **Robinhood Academy** | Jun '19 - Present
- **Languages:** - English (proficiency), Hindi (Native proficiency), Odia (Native proficiency)