

SUFIA

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EDUCATION

Geethanjali College of Engineering and Technology

Bachelor of Technology in Computer Science and Engineering

Regelford International School

11th - 12th (Central Board of Secondary Education)

Cal Public School

KG – 10th (Central Board of Secondary Education)

Cheeryal, Hyd

Expected: 2024

Rampally, Hyd

2018-2020

Kapra, Hyd

2008-2018

SKILLS

- **Programming:** Python (pandas, matplotlib, seaborn, NumPy), SQL (MySQL), Java, C, R.
- **Data Visualization:** Microsoft Power BI, Tableau, Google Data Studio.
- **Software:** Excel (VLOOKUP, pivot tables, etc.), Jupyter Notebook, Microsoft Office 365.
- **Core Competencies:** Data Cleaning, Data Analysis, Data Visualization, Data Modeling, Data Management, Data Warehousing, ETL, Statistics, Marketing Analysis, Financial Analysis, Presenting to different stakeholders, KPI, Power Point.
- **Additional Skill sets:** Machine Learning, Iot, Artificial Intelligence, Database Management System, Big Data Analytics, Generative AI, React. Js, API integration, Agile Methodology, SAS, Business Intelligence.

PROJECTS

Product Lifecycle Analysis for Regulatory Impact Assessment / Python, SAS, Tableau

- Utilized Python and SAS to analyze lifecycle data for 50+ products, assessing regulatory compliance impacts. Employed statistical modeling and risk assessment techniques to quantify financial and operational exposures.
- Generated insights that projected a 20% reduction in compliance-related costs.
- Implemented Tableau for advanced data visualization, enhancing interpretability.

Student Mental Health Analysis Using SQL | SQL, Regression Analysis, PowerPoint, Tableau

- Extracted and analyzed data from a database with over 10,000 student records using SQL. Conducted regression analysis to identify 5 key factors impacting mental well-being.
- Created 12 visual reports in PowerPoint and Tableau, resulting in support programs that improved student well-being by 15%.
- Enhanced decision-making processes and strategic planning for 15+ educational initiatives.

Supply Chain Risk Analysis and Optimization / R, SQL, Power BI, SAS

- Analyzed data from 100+ supply chain sources using R and SQL, identifying trends and patterns. Developed a predictive model, improving non-compliance risk assessment accuracy by 25%.
- Created 10+ Power BI and SAS dashboards to communicate findings and action plans.
- Reduced supply chain risk by 30% and optimized inventory management, improving decision-making efficiency by 40%.

E-commerce Sales and Revenue Analysis | SQL, Excel, Data Visualization, Revenue Analysis

- Analyzed sales data using SQL, leading to a 15% increase in revenue by identifying key drivers and top-performing products.
- Developed detailed revenue and profitability reports in Excel and created impactful visualizations in Tableau, improving stakeholder decision-making by 20%.

EXPERIENCE

Artificial Intelligence and Machine Learning | Internship

Duration: 8 weeks (July 2022 – September 2022)

- Completed an 8-week intensive AI and Machine Learning training internship with **Cantilever Labs**, mastering predictive modeling and successfully building a chatbot that reduced customer service response time by 40%
- Mastered data analysis and visualization using pandas, NumPy, and Matplotlib; presented findings from complex datasets, driving a 20% increase in data-driven decision-making accuracy.

CERTIFICATIONS

- Microsoft Certified Power Platform Fundamentals (PL-900) – August 2023
- Wipro TalentNext Java Full stack – May to September 2023
- Accenture North America Data Analytics and Visualization Job Simulation on Forage - June 2024
- Skill academy Bootcamp on Python – September 2023

EXTRA-CURRICULAR ACTIVITIES

- Directed multiple leadership initiatives, including serving as Class Representative during four years of college and as a Student Council member throughout my school and college; successfully led five school-wide events with over 500 attendees each.
- Graphic Design club (CDC), Executive Committee Member, 2022-2024