Swetha Boddu

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EDUCATION

Bapatla Engineering College, Bapatla   **8.79/10.0 CGPA**
Bachelor of Techonolgy in Data Science   *Graduation Date: May 2024*

WORK EXPERIENCE

Trainity   **Jaipur, Rajasthan**
Data Analyst intern   *May 2023 - Jul 2023*

- Developed and maintained sophisticated analytics frameworks, transforming complex datasets into actionable insights for marketing and sales teams, and improved campaign targeting accuracy by 25%.
- Spearheaded the analysis of complex datasets to identify key growth opportunities, resulting in a 25% increase in customer acquisition.Produced comprehensive reports through data mining, analysis, and visualization.
- Championed the collection of detailed project requirements and delivered bi-weekly progress reports, resulting in a 15% improvement in team collaboration and project delivery efficiency.

Mentored Minds   **Pune, Maharashtra**
Data Analyst intern   *Feb 2023 - Apr 2023*

- Streamlined data accessibility and increased stakeholder engagement by designing interactive dashboards using Power BI, enabled real-time insights, and reduced time spent on manual data analysis by 40%.
- Processed extensive datasets utilizing SQL and Excel, leading to a 15% improvement in data accuracy.
- Enhanced decision-making processes by implementing a real-time performance dashboard, providing detailed insights into customer acquisition and product trends, resulting in a 20 % increase in revenue growth within the first quarter.

PROJECT EXPERIENCE

Academic Project   **Bapatla, Andhra Pradesh**
Covid-19 Detection using Chest X-ray   *Jan 2024 - May 2024*

- Developed and implemented a cutting-edge CNN-based algorithm to analyze chest X-ray images for COVID-19 pneumonia detection, resulting in a 98% accuracy rate in distinguishing COVID-19 cases from other respiratory illnesses.
- Led a team of members to process over 10,000 chest X-ray images utilizing CNN technology, achieving a 20% reduction in diagnostic time compared to traditional methods.
- Collaborated and integrated the CNN model leading to a 30% increase in the efficiency of diagnosing COVID-19 infections and providing timely information for patient care decisions.

Portfolio Project   **Bapatla, Andhra Pradesh**
Operation Analytics and Investing Metric Spikes   *Oct 2023 - Oct 2023*

- Implemented data cleansing techniques to identify duplicate rows in the dataset, ensuring 80% data accuracy and integrity before analysis.
- Investigated metric spikes using structured table analysis, pinpointing five potential anomalies or errors affecting data interpretation and improving data accuracy by 15%.
- Evaluated email engagement metrics, measured user interaction with email services, and identified three key areas for improvement, enhancing communication strategies by 20%.

SKILLS & INTERESTS

Software&Methodologies: Tableau, Power BI, MS Excel, MS Word, Statistical Analysis, A/B Testing, ETL, GitHub, DataScience pipeline(cleansing, wrangling, visualization, modeling, interpretation)

Programming Languages: Python(numpy, matplotlib, seaborn,pandas,sci-kit learn), R, SQL, HTML, CSS