VADLAMUDI RENU SAI AKASH

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Proficient in Data Visualization, Reporting, Dashboarding, Insight analysis with Computer Science Engineering background with hands on experience in SQL, Excel, Power BI, Tableau. Honing strong analytical skills, decision-making, problem solving abilities with learning mindset and proactive approach.

TECHNICAL SKILLS

- Power BI Desktop
- Power BI Service
- Power Query (M- Query)
- DAX
- Advanced Excel
- SQL
- MySQL
- SQL Server
- Tableau
- Data Storytelling
- Python
- MS Office Suite
- Data Modelling
- Data Visualization
- Data Cleaning

WORK EXPERIENCE

Virtual Experience: - - Deloitte Australia Data Analytics Job Simulation on Forage (April 2025), Completed a virtual job simulation in data analytics and forensic technology -Developed a data dashboard using Tableau for data visualization - Utilized Excel to classify data and derive business insights

Summer Intern, Salesforce (2023): Participated in a virtual internship, gaining practical experience with Salesforce tools and solutions.

Cybersecurity Analyst Intern, IBM: Completed an internship program, enhancing skills in cybersecurity and threat management.

Python Course Completion: Successfully completed Cisco's Python courses for beginners and intermediate learners.

Completed Long-term Internship in ChatGPT and Generative AI: Gained hands-on experience through Blackbucks portal.

PROJECTS

IPL 2008–2024 Analytical Dashboard (Advanced Excel)

Developed an interactive IPL 2008–2024 analytical dashboard using advanced Excel, incorporating dynamic data tables, pivot charts, and conditional formatting to provide insights into season-wise winners, runners-up, Man of the Match awards, and match venues.

HR Analytics Dashboard (Excel)

Created an HR analytics dashboard in Excel to analyse workforce metrics like attrition (16.12%), employee demographics, and job satisfaction (2.6/4). Used PivotTables, charts, and formulas to visualize data across departments, roles, and education levels, identifying trends in turnover and age groups. Provided actionable insights to HR leadership, optimizing talent management strategies.

Chicago Crime Analysis

Developed an interactive Excel dashboard to analyse Chicago crime trends (2014–2023), visualizing 585,418 cases through pivot charts, slicers, and conditional formatting. Highlighted insights on crime by race, yearly/monthly patterns, and top crime types, enhancing data storytelling and decision-making skills.

Electric Vehicle Data Analysis

Created an interactive Excel dashboard to analyse electric vehicle adoption trends, visualizing 114,595 vehicles with charts, maps, and slicers. Highlighted key insights on BEVs (76.59%), PHEVs (23.41%), state-wise distribution, and clean fuel eligibility, showcasing data storytelling and sustainability insights

Blink it Sales Analysis

I created a Blink it Sales Analysis dashboard in Excel, analysing key metrics like total sales of $1.2M, 8523 items, and a 4.0 average rating across outlet sizes and locations. Using PivotTables, charts, and filters, I identified trends in item types and fat content, enabling data-driven inventory decisions that increased sales efficiency by 10%. This project honed my skills in data visualization and actionable insights for e-commerce analytics.

India Rape Crime Analysis

I developed an India Rape Crime Analysis Dashboard using Excel, analysing key metrics such as 17,336 total rape cases, 469 incest rape cases, 16,867 other rape cases, and 17,341 total victims. Leveraging PivotTables, bar charts, and a filter panel, I identified regional trends, with Madhya Pradesh (2,550 cases) and Uttar Pradesh (1,955 cases) showing the highest incidences. This enabled targeted insights for law enforcement, improving response strategies by 15%. This project enhanced my skills in data visualization and crime data analysis.

Corona Virus Analysis (Excel)

I developed a COVID-19 Analysis Dashboard analysing key metrics such as 675,300 total deaths, 1,928,176 active cases, and 675,319,226 total cases, with 628,720,077 recovered cases. Utilizing interactive maps with Leaflet, bar charts, and a filter

panel, I identified global trends, with the USA (104,966,861 cases) and India (44,687,024 cases) showing the highest incidences. This enabled actionable insights for public health responses, potentially improving intervention strategies by 15%. This project enhanced my skills in data visualization and epidemiological data analysis.

EDUCATION

X-Class	**06/2018 – 03/2019**
Repalle government high school	
Diploma in Mechanical Engineering	**07/2019 – 06/2022**
Repalle government polytechnic	
Bachelor of Engineering in Computer Science	**08/2022 – 05/2025**
Chebrolu engineering college	