Sudheer Tanukonda

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TECHNICAL SKILLS

- **Business Intelligence & Visualization**: Power BI Desktop, Power BI Service
- **Programming Languages**: SQL, DAX, Python
- **Database Management**: MySQL
- **Data Modeling**: Star Schema, Snowflake Schema, Relationship Design
- **ETL**: Power Query
- **Operating Systems**: Unix
- **Version Control & Collaboration**: Git, GitHub, Jira

WORK EXPERIENCE

Deepija Telecom Pvt. Ltd.   Dec 2023 – Jan 2025
Power BI Developer   *Hyderabad*

- Created interactive Power BI reports and dashboards based on business needs, integrating data from SQL Server, MySQL, and Excel to provide real-time analytics. Used custom visuals, drill-through, bookmarks, and tooltips to enhance the user experience.
- Optimized report performance by using Power Query, DAX, query folding, and incremental refresh. Set up scheduled refreshes to ensure data was updated regularly and provided real-time insights. Implemented Row-Level Security (RLS) and role-based access control (RBAC) to secure data access and ensure compliance with security policies.   C
- Collaborated with business stakeholders, analysts, and data engineers to understand reporting needs and deliver actionable insights that supported data-driven decision-making and aligned with organizational goals.

PROJECTS

Hospital Emergency Report | GitHub Repo
Tools: Power BI, Power BI Service, Power Query, Dax, Excel

- Analyzed **9,216 patient admissions** over **18 months**, identifying inefficiencies in emergency operations and areas for improvement.
- Found an **average patient satisfaction score of 4.99/10**, highlighting the need for better patient experience strategies.
- Determined that **General Practice (1,840 cases)** and **Orthopedics (995 cases)** were the busiest referral departments, while **5,400 patients required no referrals**, indicating a high number of minor cases. Also identified **peak patient flow on Saturdays, Thursdays, and Sundays**, with busiest hours at **11 PM, 7 AM, and 1 PM**.
- Recommended **reducing wait times, optimizing referrals, and improving patient engagement** to enhance hospital efficiency.

Mobile Store Sales & Revenue Analysis | GitHub Repo
Tools: Power BI Desktop, Power Query, Power BI Service, Dax, Excel

- Analyzed **302 mobile sales transactions** generating **$5.2M revenue**; tracked **$4.37M collected** and **$508.2K outstanding dues**.
- Identified **Natalia Zaytseva** as top purchaser and debtor; **Ahmed** as second-highest purchaser with **$438.2K**.
- Highlighted **Accessories** as highest-selling category (38.6%, $2.009M) and **Redmi Note 5 Pro** as best-selling product (400 units).
- Revealed **India** as top country by sales ($996.5K) and **Smartphones** category holding highest outstanding dues (37.6%), prompting payment process review.

Geographical Sales Distribution Report | GitHub Repo
Tools: Power BI Desktop, SQL, Power Query, Power BI Service, Dax

- Analyzed **$87K sales** from **40 orders** and **406 units** across multiple countries, regions, and product categories; **Washington state** led sales with **$58K**.
- Identified **Australia** as top sales region ($109,324, 21.88% of total), **Japan** as top country ($80K+), and **Germany** as highest profit country ($10.3K).
- Named **Wooden Deck** as best-selling product (162 units) and **South America** as highest profit region ($17,827, 22.07%).
- Found **First-Class Shipping** and **Home Office** segment to have highest profits ($20.8K and $14K); **Manchester** city generated top profit ($7K), while **Texas** had lowest ($1.5K).

EDUCATION

Sagi Rama Krishnam Raju Engineering College   June 2018 - May 2022
Bachelor of Technology in Mechanical Engineering (CGPA: 7.7)   *Andhra Pradesh, India*

CERTIFICATIONS

Pro5.ai Certified – Power BI Data Analyst

Certified in Python Complete Course for Beginners from Udemy

Certified in Linux and MySQL from Great Learning