PADMA SHNEHA

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SKILLS

PostgreSQL, Tableau, A/B testing, Looker Studio, Excel, Python, Statistics, Power BI, Data Storytelling

SUMMARY

Data Analyst with 3+ years of experience leveraging SQL, Python, and Tableau to build dashboards. Proven success in scaling operations, optimizing workflows, and delivering business insights.

WORK EXPERIENCE

Data Analyst, Deloitte (*Client: Meta), Orlando, FL*   **Jul 2021 - Jun 2024**
- **Developed and optimized** Python scripts to process **890M+ raw records** from multiple sources, scaling operations from **0 to 4,000 tickets** and **reducing manual effort by 40%, enhancing operational efficiency**.
- Automated access reviews for **7,000+ employees** quarterly using **Python and SQL**, generating **4,000+ tickets for 300+ group admins,** ensuring timely reviews and preventing unnecessary access.
- **Led 6** independent projects, **managing multiple parallel work streams** and **mentoring new team members,** fostering collaboration and improving team efficiency.
- Developed **BI dashboards** for key product metrics, collaborating with Managers and Engineering teams to ensure accurate data collection and measurement of performance indicators.
- Maintained dashboards and regular reports to **monitor production health, track KPIs**, and measure the success of new review launches and initiatives.

Junior Data Analyst, Complex Adaptive Systems Laboratory, *Orlando, FL*   **Sep 2020 - Dec 2020**
- **Retrieved and compiled** a dataset of **6,000+ news articles** from Twitter, enabling in-depth analysis of **public sentiment on hydroxychloroquine use during COVID-19**.
- **Developed** a web page that summarized public sentiment, **reducing information retrieval time by 62%** and improving access to critical insights.
- **Presented** data-driven findings to **professors, researchers, and stakeholders**, effectively **translating complex analyses** for diverse expertise levels.

PROJECT

Coffee Vending Machine   **Nov 2024**
- Built a user-friendly dashboard to visualize **real-time sales, usage patterns, and payment information**, enabling quick insights for decision-making.
- **Analyzed customer preferences and peak usage times** driving data-backed improvements in machine placement and product offerings.
- Implemented **KPIs to track refill needs, and revenue trends,** enhancing operational efficiency by 20%.

DHL Logistics Courier Facilities   **Sep 2024**
- Applied **EDA techniques** using **pandas**, **seaborn**, and **matplotlib** to identify the most common facilities.
- Discovered **key operational patterns**, such as peak closing times and facility correlations, to help DHL improve service coverage and resource allocation.

EDUCATION

Master of Science, Data Analytics   **May 2021**
University of Central Florida, USA
Bachelor of Technology, Information Technology   **May 2019**
Sri Venkateswara College of Engineering, India

ACCOMPLISHMENTS

- **AWS Certified Cloud Practitioner** – Valid through **May 2028**
- Solved **250+ coding and SQL problems** across **LeetCode, HackerRank, and DataLemur**, strengthening problem-solving and algorithmic thinking skills
- Received a **Deloitte Applause Award** for quickly ramping up from scratch and, recognized for ownership, learning speed, and impactful automation work