Sunny Hardyal

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EDUCATION

CUNY Queens College Flushing, NY
Bachelors in Computer Science *Graduated July 2024*
- Coursework: Linear Algebra, Probability & Statistics, Advanced Python Programming, Data Structures, Database Systems

EXPERIENCE

Data Visualization Content Creator | *Instagram* September 2024– Present
Self-Employed *Queens, NY*

- Developed custom ETL pipelines in Python to extract, clean, & transform data from public sources.
- Analyzed Instagram metrics such as impressions, reach, & engagement rates to optimize future content strategies & boost organic growth.
- Gained transferable skills in social media marketing, audience engagement, & content strategy while developing technical expertise in programming & data manipulation.

Data Scientist June 2024– October 2024
VegBoom *Manhattan, NY*

- Led the development of a knowledge graph project, managing data sourcing, cleaning, & importing, creating a scalable system that streamlined data management & insights generation.
- Automated ETL pipelines using Python (pandas, numpy) & SQL to integrate 20+ datasets into the knowledge graph, improving data ingestion efficiency.
- Conducted complex SQL queries for data extraction, aggregation, & reporting, reducing manual data processing time by 30%.

Data Analyst Intern February 2024– May 2024
Big Reuse *Brooklyn, NY*

- Performed exploratory data visualization using Python (Seaborn & matplotlib) enabling resource planning & improve operational efficiency by 20%.
- Collaborated with cross-functional teams to define reporting requirements, aligning insights with social media goals & KPI tracking for improved performance monitoring.
- Built dynamic Tableau dashboards to generate actionable insights from external datasets driving data-informed decisions.

Team Experience & Operations Intern September 2021– December 2021
RapidSOS *Manhattan, NY*

- Demonstrated exceptional project management skills by planning and executing events and initiatives within budget and on schedule.
- Collaborated with HR, IT, Finance, & senior leadership to enhance office workflows, supporting cross-functional initiatives & aligning team goals.
- Acted as a liaison between VPs and other departments, facilitating communication and aligning meeting goals with business priorities.

Jr Business Analyst May 2019– March 2020
Sportslane *Queens, NY*

- Designed Excel-based KPI tracking for metrics like customer traffic and conversion rates, leading to a 15% revenue increase by identifying actionable trends.
- Collaborated cross-functionally with the sales team to develop & implement data-driven strategies, leading to a 15% increase in revenue by identify sales trends & optimize product offerings.
- Explored website sales data to optimize product promotions, resulting in a 18% increase in sales leveraging business insights.

PROJECTS

Airbnb Data Visualization | *Visualization*

- Created an interactive geospatial revenue map in Tableau by standardizing and cleaning large Airbnb datasets in Excel, using advanced data validation and error-removal techniques to ensure accuracy. The map analyzed revenue patterns by zip code, identifying high-revenue areas and uncovering strategic pricing opportunities.

COVID-19 Data Analysis | *Visualization* | *GitHub*

- Conducted in-depth analysis of COVID-19 trends using SQL to extract and aggregate public data on deaths, cases, and vaccination rates, then built Tableau dashboards to visualize correlations between vaccination rates and infection trends, providing insights on vaccine effectiveness and pandemic progression.

TECHNICAL SKILLS

Programming Languages: Python, R, C++, Java, SQL, HTML/CSS, JavaScript, Unix Latex
Frameworks & Tools: Docker, Git/GitHub, MySQL
Data Science Tools: Pandas, NumPy, Seaborn, Matplotlib, Sci-kit Learn, Jupyter Notebook, PyTorch, Tableau, Excel
Developer Skills: Project Management, Cross Functional, Data Structures, Statistics
Interests: Keyboard building, Video games, Weight lifting