DHRUV GAJJAR

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EXPERIENCE

Amgen (Formerly Horizon Therapeutics) - Deerfield, IL

Data Engineer II, Data Science

Jul 2022 - Present

- spearheaded Entity resolution for patient date...got published pmsa...neo4j...researched algos...used for leads and targeting for reps and lead to X amount of leads
- Maintained servers and systems that data scientits use. Made continual improvements to workflow, process, and utilities
- Monthly processing... building pipelines...Helped create data engineering processes
- Dev ops...scheduling...Shell scripting...Implementing spark and other libraries
- Web dev...api
- Set up GCP cluster
- ML ops
- Acted as subject matter expert on data piplesn and how to build the right systems for our use cases
- · Offshore...intern
- integration....Data and tool migration
- · logging and qc
- · talk to vendors

Senior Analyst, Strategy & Commercial Analytics

Nov 2020 - Jul 2022

- Utilized Sklearn linear regression to predict patient adherence to a new drug, resulting in a 10% increase in patient adherence and a 5% increase in revenue
- Optimized existing Python reporting processes by implementing automated pipelines and establishing best practices for package management, documentation, and source control. Decreased runtime by 66% and error checking time by 50%
- Improved automated lead finding alert accuracy and timeliness by tying in additional data sources, updating business rules, and adding a logging and QC process enabling the sales and patient access teams to react faster
- Developed relevant and actionable KPIs, reports, and deep-dive projects by gaining a keen understanding of business needs as a cross-functional partner. Enhanced awareness of brand performance and patient trends across 5 previously siloed teams

Axtria - Thousand Oaks, CA

Decision Science Associate

Apr 2020 - Oct 2020

- Developed and regularly presented Tableau frontend/Python backend dashboards which spanned every business unit and monitored sales effectiveness and account engagement empowering leadership to adapt quickly to COVID-19 disruptions
- Collaborated with an offshore team of 2-3 individuals by delegating tasks, leading working sessions, and providing constructive feedback, resulting in timely completion of tasks, positive feedback from stakeholders, and improved quality of work

Decision Science Analyst

Mar 2019 - Apr 2020

- Conducted a patient journey analysis using Python and SQL on a 10+ billion row insurance claims dataset which identified key milestones slowing down patients' access to diagnosis and treatment, reducing early disease detection by 100+ days
- Designed multiple Tableau dashboards to replace the client's exisisting PowerPoint dashboards and various diconnected sales data sources, decreasing the 1-3 daily hours spent on manual calculation, analysis, and visualization

WEC Energy Group (Peoples Gas) - Chicago, IL

Engineering Student Intern

Jun 2017 - Aug 2018

- Obtained approval for the engineering team to implement a production SQL database by showcasing a proof-of-concept SQL Server database ensuring that future data is secure, scalable, and recoverable
- Aided future consultant contract negotiations, budget forecasting, and on-site construction measurements by introducing a VBA cost analysis and quality assurance tool

EDUCATION

Georgia Institute of Technology - MS in Computer Science (Specialization: Computing Systems)

May 2024

University of Illinois Urbana-Champagin - BS in Engineering Physics (Specialization: Computational Physics)

Dec 2018

SKILLS

Languages: Python, SQL, Scala, Java, BASH, Powershell, C/C++, HTML/CSS, Javascript, R **Libraries & Frameworks:** Pandas, Pyspark, GraphDataScience, React, Flask, JUnit

Developer Tools: Git, Google Cloud, Azure, AWS, Apache Spark, Neo4j, Snowflake, Databricks, Linux, Android Studio, Docker, Delta