

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 data...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 scientists 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
- ML ops
- Acted as subject matter expert on data pipelines and how to build the right systems for our use cases
- Offshore...intern
- integration...migration....Data and tool migration
- logging and qc
- talk to vendors

Senior Analyst, Strategy & Commercial Analytics

Nov 2020 - Jul 2022

- Optimized existing Python reporting processes by implementing automated pipelines and establishing best practices for code readability, package management, documentation, and versioning. Decreased runtime by 66% and error checking time by 50%
- 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
- Improved lead finding alert accuracy and timeliness by tying in additional data sources, updating business rules, and adding a logging and QC process enabling the brand team to react faster

Axtria - Thousand Oaks, CA

Decision Science Associate

Apr 2020 - Oct 2020

- Empowered leadership to adapt quickly to COVID-19 disruptions by developing and presenting KPI Tableau dashboards sourced from processing disparate data sources using Python and SQL which spanned multiple brands and business units and monitored sales performance, customer engagement, and sales rep effectiveness accomplished
- Demonstrated effective collaboration and communication with an offshore team of 2-3 individuals by delegating tasks, clarifying requests, 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/SQL on a 10+ billion row insurance claims dataset identifying 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 existing PowerPoint dashboards and separate 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-based cost analysis and quality assurance tool

EDUCATION

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

May 2024

University of Illinois Urbana-Champaign - 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, React, Flask, JUnit

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