DHRUV GAJJAR

(847) 890-1847 | DHRUV.GAJJAR.9@GMAIL.COM | DHRUVGAJJAR.COM | GITHUB.COM/DHRUVGAJJAR

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…migration….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 identfied 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