Krishna Patel

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Summary

Entry-level data analytics professional; recently completed the Google Data Analytics Professional Certificate, demonstrating proficiency in data analysis workflows and utilizing tools like SQL, Sheets, Excel, Tableau, and R for effective data manipulation and visualization. This achievement equips me with the practical skills to extract meaningful insights and contribute to data-driven decision-making.

Education

Drexel University   *Philadelphia, PA*
Bachelors of Science in Biomedical Engineering, focus in Human Performance and Biomechanics   *Graduated: June 2021*
Google
Data Analytics Professional Certificate   *Completion: March 2025*

Honors & Awards

A. J. Drexel Scholarship   *September 2016 - June 2020*

Experience

Paragon 28   *Denver, CO*
Process Engineer I   *Jul 2021-Jul 2024*

- Automated dashboards for process tracking of 1,000+ clinical/training cases, enabling data-driven decisions through statistical analysis and KPI monitoring, improving process efficiency by 75%.
- Implemented agile methodologies through data analysis of production bottlenecks, achieving a 60% reduction in inefficiencies.
- Designed a standardized training procedure with SOPs to reduce onboarding time by 50%.
- Lead project manager for in-house manufacturing process development.
- Organized cross functional feedback sessions with KOLs on product development.
- Provided field support for products to surgeons and sales representatives.

Data Analytics Projects

Energy & Emissions

- Designed a dynamic Tableau dashboard displaying energy and emission metrics/KPIs.
- Cleaned and processed raw Energy Information Administration (EIA) data using R, SQL and Spreadsheets.
- Applied statistical analysis to identify trends and anomalies between CO_2 emissions and energy production sources.
- Researched various databases to find accurate and reliable datasets.
- Through this project I was able to draw conclusions consistent with industry trends.

Sleep & Wellness

- Collected data from BigQuery and Kaggle for innovative business applications, specifically exploring health metric analysis via wearable technology.
- Extracted actionable health insights by analyzing demographic parameters, including profession, age, gender and physical activity levels.
- Created an interactive dashboard to prioritize health interventions by identifying the most significant contributing factors to wellbeing.

Skills

- Data Analytics
- Statistical Analysis
- R
- Tableau
- SQL
- Google Suite
- Microsoft Suite
- Project Management
- Cross-Functional Collaboration
- Process Improvement
- Mimics Materialise
- SolidWorks
- Agile Methodologies
- QA/QC
- Vendor Management