

PRAYUJA TELI

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SKILLS

Languages: Python, R | NumPy, Pandas | Matplotlib, Seaborn, Plotly
Databases and Tools: SQL, PL/SQL, MS SQL Server, BigQuery | SSMS, Azure Data Studio, Snowflake
Reporting and Platforms: Tableau, Power BI, SSRS | SSIS, Google Analytics | Koerber, WMS, Jira
Business Analytics: ETL/ELT, Data Warehousing, Forecasting, KPI Development, Data Quality
Healthcare Analytics: HIPAA, ICD-10, EHR/EMR, Claims Processing, REDCap, EPIC, OpenClinica

PROFESSIONAL EXPERIENCE

System Analyst Intern (Data Processing Co-op) New Jersey, USA
McCollister's Global Services, Inc. Jul 2024 – Jan 2025

- Automated 15+ SSRS reports using optimized SQL queries, cutting monthly reporting time by 15+ hours.
- Managed 100K+ transactions using standardized templates, reducing discrepancies by 7% across 6+ clients.
- Developed interactive Power BI dashboards for driver payroll and logistics metrics, reducing payroll errors by 8% and processing time by 5 hours.
- Delivered real-time dashboards and ad hoc analytics to senior leadership using SSMS and SQL Server; combined statistical and risk insights to optimize routes, improving on-time delivery by 10%.

Associate Data Analyst Maharashtra, India
OpenSpecimen (Biobanking LIMS) Apr 2019 – Sep 2023

- Trained a team of 6 analysts on data-cleaning techniques and A/B Testing, boosting productivity by 15%.
- Conducted SQL audits on 1M+ biospecimen records to ensure regulatory compliance and reduce loss by 19%.
- Built a data integration catalog linking LIMS, REDCap, EPIC, and OpenClinica, driving a 30% increase in researcher engagement and 20% reduction in queries.
- Deployed real-time monitoring dashboards and anomaly detection using SQL triggers, improving HIPAA and GCP compliance tracking by 10% and reducing audit response time by 15%.
- Standardized 500K+ patient records across EHR and LIMS platforms to improve clinical trial eligibility screening accuracy by 25% using Python, SQL, and HL7 mapping protocols.

Analyst Maharashtra, India
eClerx Jun 2018 – Mar 2019

- Performed analysis on 20 client deliverables to identify key improvements, increasing client retention by 8%.
- Recovered \$600K by identifying cash flow mismatches via SQL and Excel, prompting treasury policy changes.
- Created Tableau dashboards to visualize key performance indicators (KPIs) for 7+ area zip codes, enhanced real-time customer insights, and improved technician tracking by 20%.
- Partnered with clinical operations teams at pharmaceutical clients to validate and clean clinical trial datasets, improving protocol compliance by 15%, using data quality frameworks and statistical validation checks.

PROJECTS

- **Patient LOS and Cost Analysis** ([Dashboard](#)) ([GitHub](#)): Built a Tableau dashboard to analyze LOS and cost data across 150+ hospitals and 26K+ discharges, identifying \$20.9K avg. cost using diagnosis severity.

EDUCATION

Drexel University Pennsylvania, USA
Master of Science in Computer Science GPA 3.9
Teaching Assistant (Python) | Event Coord. ([FSL](#)) | GHC'24 Scholar