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PROFESSIONAL SUMMARY

Data-driven professional with hands-on experience in healthcare analytics and product reliability engineering. Skilled in SQL, Power BI, Tableau, and statistical modeling to drive data-informed decisions. Adept at improving product performance, enhancing operational efficiency, and delivering impactful insights. Passionate about leveraging data to optimize reliability, financial outcomes, and healthcare quality.

SKILLS

- **Data Management & Analysis:** SQL, Pandas, Power Query, Excel
 - **Visualization & Reporting:** Power BI, Tableau, Python (matplotlib, seaborn), Fabric (Learning)
 - **Healthcare Analytics:** Revenue Cycle Management, Claim Analysis, HIPAA Compliance
 - **Reliability Engineering:** Failure Analysis, MTBF, Warranty Analysis, Weibull Analysis
 - **Automation & Optimization:** Power Automate, VBA
 - **Tools:** Oracle SQL, RPA, Git, Jira, Notion
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EXPERIENCE

Product Reliability Engineer

Cyient Ltd (Client: Honeywell) — 2023 – Present

- Collected and analyzed aftermarket product reliability data from global repair shops and field service reports.
- Conducted life data analysis (Weibull), Pareto, MTBF, MTTR, and warranty applicability insights using Power BI.
- Built dashboards to monitor top failure categories, causes of damage, and cost of repairs.
- Worked with engineering teams to suggest design and material modifications to improve durability.
- Supported continuous improvement efforts by addressing high-cost failures and initiating preventive actions.
- Received top rating (7/7) from Honeywell for analysis quality and actionable recommendations.

Associate – Data Analyst

- Analyzed healthcare claim and financial data across multiple US states for Envision Healthcare.
 - Used SQL and Excel to clean and normalize large claim datasets (PDFs converted via RPA).
 - Built Tableau dashboards for claim collection trends, denials, copay/co-insurance patterns, and aged claims.
 - Presented insights to improve billing compliance, reduce write-offs, and enhance payment cycle efficiency.
 - Ensured HIPAA compliance and supported quality improvement across patient care and finance.
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PROJECTS

Insurance Claim Management – Envision Healthcare

- Processed, cleaned, and visualized multi-state hospital claim data.
- Created dashboards: Billing vs Collection, Rejection Reasons, Claim Aging, Insurance Type Analysis.
- Delivered insights to billing teams to reduce losses and improve compliance coding.

Field Failure Analysis – Honeywell OEM

- Analyzed field-reported product failure data (HAVREL + repair reports).
 - Developed Power BI dashboards showing damage types, cost breakdown, warranty impact, predictive failures.
 - Presented findings to engineering teams to implement product improvements and material changes.
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EDUCATION

Bachelor of Science **2022**
Singhanian University — 8.4 CGPA

Masters in Data Analytics / Data Science Program

Top Mentors E-Learning Platform **2025**

CERTIFICATIONS

Data Analytics using Pandas – **Udemy** , SQL - **Youtube Learning**, Power BI - **Alison Learning**

Lean Six Sigma(Yellow Belt) from **Alison Learning**
