

Jennifer Lee

Healthcare Data Analytics Specialist

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PROFESSIONAL SUMMARY

Data analyst with 5+ years of experience in healthcare analytics, specializing in clinical outcomes analysis and operational efficiency. Proven track record of translating complex healthcare data into actionable insights for medical professionals and administrators.

TECHNICAL SKILLS

- **Analytics Tools:** R, Python, SAS, STATA, SPSS
- **Healthcare Systems:** Epic, MEDITECH, HL7, FHIR
- **Visualization:** Tableau, Power BI, QlikView
- **Statistics:** Clinical Trial Analysis, Survival Analysis, Regression Modeling
- **Database:** SQL, Oracle Clinical, PostgreSQL

PROFESSIONAL EXPERIENCE

Senior Healthcare Data Analyst — Massachusetts General Hospital — 2021-Present

- Lead data analyst for COVID-19 response team, developing predictive models for resource allocation
- Reduced average length of stay by 18% through optimized patient flow analysis
- Created automated reporting system for 30+ clinical departments
- Developed risk prediction model improving patient outcomes by 25%

Clinical Data Analyst — Boston Medical Center — 2019-2021

- Analyzed clinical trial data for oncology department
- Implemented quality metrics dashboard reducing reporting time by 40%
- Collaborated with physicians to develop custom analytics solutions
- Saved \$1.2M annually through optimized resource allocation

Healthcare Analytics Specialist — Healthcare Analytics Corp — 2018-2019

- Developed population health management dashboard
- Created predictive models for patient readmission
- Improved clinical documentation accuracy by 35%

KEY PROJECTS

Clinical Outcomes Prediction Model — 2023

- Developed ML model predicting patient outcomes with 88% accuracy
- Implemented across 5 departments, improving care planning
- Reduced readmission rates by 22%

Healthcare Cost Analysis Platform — 2022

- Created cost analysis tool saving \$2.5M annually
- Integrated multiple data sources for comprehensive analysis
- Automated 75% of monthly reporting processes

EDUCATION

Master of Public Health in Biostatistics

Harvard School of Public Health — 2018 — GPA: 3.95/4.0

Bachelor of Science in Statistics

Boston University — 2016 — GPA: 3.88/4.0

CERTIFICATIONS

- SAS Certified Clinical Trials Programmer
- HIPAA Compliance Certification
- Epic Clinical Analytics Certification
- Healthcare Data Analytics Certificate - HIMSS