

Jillian P. Goodwyn

Senior Data Scientist

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Portfolio: jpgoodwyn.com

PROFESSIONAL EXPERIENCE

Kangarootime

Buffalo, NY

Data Scientist: Business Intelligence & Analytics

June 2022 - May 2025

- Designed and built embedded PowerBI dashboards for customer-facing accounting and finance applications
- Led BI group to develop dashboards, visualizations, and automated reports for the finance, billing, and client success teams

IBM

Buffalo, NY

Data Scientist

Nov 2021 - May 2022

- Delivered supply chain predictive model as part of a 3 month proof-of-concept to large automotive client
- Mentored 2 data science apprentices on project work, best practices, programming skills, and statistical approaches

Anthology Inc.

Buffalo, NY

Data Scientist & Product Researcher

Nov 2016 - Nov 2021

- Acquired, cleaned, and analyzed higher ed. and product software data to produce financial and analytics dashboards for customers
- Created applications and models to automate processes, extract actionable insights, and deliver decision making aids
- Mentored 3 user experience experts in data science practices to broaden knowledge of collection and analysis of product usage data

IBM

Buffalo, NY & Washington, D.C.

Business Analyst & Data Scientist

Sep 2013 - Nov 2016

- Performed data analysis on rapid analytics projects to discover data trends and anomalies for 3 different Buffalo, NY companies
- Trained 2 junior business analysts in user interviewing skills, requirements building, and data analysis methods

MASTER'S PROGRAM PROJECTS

Good or Bad Borrower? Predicting Loan Default

Mar - May 2021

- Using LendingClub bank loan data, applied regression and decision trees to identify indicators of loan delinquency and predict default probability

Predicting Board Game Ratings

Jan - Mar 2021

- Mined and analyzed 120k board game records to identify attributes of popular board games and predict how newly released games will rank

Forecasting Customer Demand

Aug - Dec 2020

- Predicted food supply chain purchasing patterns using random forest regression and XGBoost models

SKILLS

Programming Languages

- Python
- R
- SQL
- Spark

Data Visualization

- Power BI
- Tableau
- Quicksight

Platforms

- Microsoft Azure
- AWS

Technical Skills

- Machine learning
- Data engineering
- ETL
- UX design

Soft Skills

- Data viz & storytelling
- Project management
- Client relationships
- Public speaking

Certifications

- SPSS Modeler Data Mining - IBM Certified
- Section 508 Compliance & Accessibility

EDUCATION

SUNY Buffalo State College, Buffalo, NY

Data Science and Analytics

Master of Science, Fall 2022

Carnegie Mellon University Pittsburgh, PA

Bachelor of Humanities and

Arts dual degree, 2013

summa cum laude