(317)-364-3113
Greenfield, Indiana
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PalmerProjects

Canyen Palmer

Data Scientist

Portfolio: CanyenPalmer
MyCaddy: MyCaddy.onrender.com
github.com/CanyenPalmer
linkedin.com/in/Canyen Palmer

Skills

Proficiency	Statistics, Machine Learning, Predictive Modeling, and Optimization
Tools and Languages	Python, R, JavaScript, LaTeX, Excel, SQL, Tableau
Tech Stack	Pandas/NumPy, Scipy, seaborn, Matplotlib, statsmodels, Tidyverse, Git, Jupyter

Technical Experience

Lead Analyst — **June 2025 — Aug 2025**
Iconic Care Inc — *Indianapolis, Indiana*

- Created different financial forecasts that uncovered $75,000+ in projected savings for 2025 through data extraction, analysis, modeling, and visualization.
- Automated key stages of the ordering cycle, reducing operational time by 50%.
- Designed interactive dashboards that increased order cycle efficiency by 37%, enabling real-time insight across departments.
- Discovered $30,000+ in unpaid patient responsibility for CGM equipment using data modeling/manipulation in Python.
- Created consignment structures and pricing tables that improved billing success rates by 65%.

Billing & Revenue Specialist — **May 2025 — Jun 2025**
Iconic Care Inc — *Indianapolis, Indiana*

- Constructed Iconic Care's first-ever balance sheet for tracking all crucial financial metrics.
- Optimized Payor Level Dashboards, Billing Cycle Processes, Patient Information Checklist, HPCPS Code Validations, Cost/Reimbursement Data, and Brightree Consignment to be interpreted throughout all departments of Iconic Care Inc.
- Expressed analytical insights throughout a multitude of departments while maintaining the confidentiality of crucial company metrics.

Education

Master of Data Science, *University of Pittsburgh* — Aug 2025 — Present
Bachelor of General Studies in Mathematics, *Ball State University* — Aug 2020 — May 2024
Associate of Arts in Computer Science, *Ball State University* — Aug 2020 — May 2022
Dean's List, Ball State University — 2023
Academic Scholarship, Franklin College — 2019

Projects

MyCaddy | Physics-Based Golf Calculator — **Aug 2025**
Live Demo — *Greenfield, Indiana*
Code Link

- Built a physics-based golf calculator with dynamic yardage calculation, live condition summaries, flyer-lie mode, and a clean GUI design.
- Tech stack:
  - Backend with Python, Flask, and Gunicorn
  - Frontend with Jinja2, CSS, and Tkinter
  - Deployed on Render

Salifort Motors | Employee Attrition Prediction — **July 2025**
Code Link — *Muncie, Indiana*

- Built predictive models in Python (pandas, matplotlib, scikit-learn, XGBoost) to identify turnover risk.
- Logistic regression achieved precision of 80%, recall of 83%, F1-score of 80% (all weighted averages), and overall accuracy of 83% on the test set.
- After conducting feature engineering, the decision tree model achieved AUC of 93.8%, precision of 87.0%, recall of 90.4%, f1-score of 88.7%, and accuracy of 96.2%, on the test set. The random forest modestly outperformed the decision tree model.