Nathaniel Stokes
Data Science Aspirant | Python | Machine Learning | EDA
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Summary

Data science enthusiast with hands-on experience in Python, machine learning, and EDA. Scholastic experience of building predictive models, segmenting customers, and presenting insights to drive decisions. Known as a dependable tech troubleshooter with a passion for systems thinking and resolutions.

Skills

Languages: Python, SQL, HTML/CSS, JavaScript, Java, C#, Visual Basic
Libraries/Tools: pandas, NumPy, scikit-learn, XGBoost, Matplotlib, Seaborn, SHAP
Other: Excel VBA, Git, Jupyter, Microsoft Office, Tech Support

Projects

Churn Prediction (XGBoost)
[GitHub](#) | 88% Accuracy | 0.90 ROC-AUC
- Engineered features and used SHAP to explain model predictions for ISP churn.
- Identified strategies to retain high-risk customers.

Insurance Customer Segmentation (KNN)
[GitHub](#)
- Scaled and segmented claim data to predict benefit likelihood.
- Enabled targeted outreach and reduced underwriting risk.

Global Game Sales Trend Analysis
[GitHub](#)
- Visualized trends across regions; advised on genre prioritization.
- Used Jupyter widgets for interactive data storytelling.

Experience

Insurance Producer, *State Farm – Pineville, MO*
Jun 2021 – Jan 2024
- Delivered consultative sales and aligned solutions to client goals.

Shop Technician, *LS Grips – Neosho, MO*
Mar 2019 – Jun 2021
- Handled shifting customer builds with efficient scheduling.

Wireless & Photo Associate, *Walmart – MO*
Apr 2016 – Jun 2019
- Resolved tech issues, activated devices, and managed high demand.

Education

B.S. Software & Web Development *(In Progress)*
Brigham Young University–Idaho | GPA: 4.0 | Jul 2024 – Present
Data Science Bootcamp *(Completed May 2025)*
TripleTen | Focus: ML, EDA, model evaluation