Keenan Sivitz

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CERTIFICATIONS

AWS Certified Machine Learning - Specialty *June 2023*

EDUCATION AND TRAINING

Udemy
2022 Python Data Science and Machine Learning Masterclass *Dec 2022*

Coursework

Pandas Dataframes	Seaborn Visualization
Supervised Learning Algorithms	Unsupervised Learning Algorithms
Natural Language Processing	Data Cleaning and Preparation

University of South Florida
B.A. in Mathematics *Dec 2014*

Coursework

Intermediate Analysis	Calculus 1-3
Numerical Analysis	Optimization
Essentials of Statistics	Bridge to Abstract Mathematics

PROJECTS

Note and Instrument Identification from Audio File **March 2023**
Link to Project
- Extracted several distinct features from audio files using Librosa.
- Used multiple visualization tools to showcase data variety and correlation.
- Tested various ML models to classify audio files by instrument and pitch.

Forecasting Store Sales **August 2023**
Link to Project
- Created data visualizations used to explore consumer data and its correlation to purchasing habits.
- Deployed a hybrid linear regression / XGBoost model to predict potential sales for the company across multiple stores.

Identifying Age Related Medical Conditions **August 2023**
Link to Project
- Used a boosted decision tree model to predict if a patient has one of three age related conditions with a 91% accuracy on positive instances.

WORK HISTORY

Palm and Oak Painting, LLC **Owner / Operator** **Jan 2017 - Present**

- Manage all aspects of business including accounting, marketing, employee acquisition and training, customer service, managing expenses, and various other tasks.
- Use soft skills to maintain relationships with clients, clearly communicate scope of project and discuss any potential obstacles.

SKILLS

Technical
    Machine Learning: Classification, Regression, Supervised and Unsupervised models, Boosting Methods, Training and Model Deployment
    Data Analytics: Data Cleaning, Feature Engineering, Data Visualization, Statistical Analyzation
Software
    Proficient: Python**,** SQL, Scikit-Learn, Seaborn, Pandas, Numpy, Matplotlib, Microsoft Office Suite, AWS SageMaker Studio
    Familiar with: HTML, CSS