

YUWEN HUANG

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Motivated data scientist with a trading & business background. Focused on problem solving through the analysis of data.

Skills

PROGRAMMING LANGUAGES

Python
R

UNSUPERVISED MACHINE LEARNING

Dimensionality reduction
K means
DBScan

SUPERVISED MACHINE LEARNING

Linear/Logistic Regression
Tree-based methods (CART)
Ensemble models
Neural networks

DATA TOOLS

Pandas
Numpy
Scikit-Learn
Keras
Beautiful soup
Selenium
NLTK

DATABASES

SQL

DATA VISUALIZATION

Matplotlib
Seaborn
Tableau

LANGUAGE

English
Chinese (Mandarin)

Education

University of California
Los Angeles
· Sept. 2015 to June 2017
Bachelor's Statistic 2017

Mt San Jacinto
Community College
· Jan. 2012 to June 2015
Associate Math 2015

Experience

Metis

Data Scientist

New York City
Jan. 2021 to Current

- Completed an intensive 12 weeks licensed data science bootcamp focused on Python programming, machine learning, statistical modeling, data visualization, project design, and communication.

MW Polar

Category Manager/Purchasing Specialist

Norwalk, CA
May 2018 to Dec. 2020

- Source products from oversea and domestic, liaises with vendors to resolve issues that may arise associated with processing purchase orders, place purchase orders, track status of the shipment.
- Built relationship with over 50 vendors (Domestic, Asian, Europe, South America), manage over 200 SKUs of food products.
- Inventory control-Tracking sales movement & inventory level and analyze sales to determine orders. Plan inventory shipments based on seasonality and sales movement to prevent any shortage or overstock.
- Collect quotation, calculate import costs, make purchase recommendations.
- Coordinate product shipment schedule with suppliers and track and trace shipments and documentations.
- Researches potential vendors and develop new product in compliance with government regulations.
- Perform profit analysis by item, bring cost change to higher management's attention.
- Import products value over \$11 million dollars in 2019, distribute over \$14 million dollars sales.
- Import products value over \$14 million dollars in 2020, distribute over \$17 million dollars sales.
- Reviews quality of purchased products.

Millennia Stainless

Purchasing Coordinator

Santa Fe Spring, CA
Sept. 2017 to May 2018

- Prepare purchasing reports in excel, including cost analysis, logistic analysis, and import/export data analysis.
- Source potential vendors from oversea and domestic.
- Maintain strong working relationships with current vendors.
- Inventory control by reviewing sales status and seasonal demand.

Data Science Projects

Pet Adoption

Mar. 2021 to Mar. 2021

- Created classification model to predict if a given dog/cat will be adopted
- Built recommender system based on pet image
- Tools: Pandas/Numpy/ Pickle/Matplotlib/Seaborn/Tableau/Keras/Neural Networks

Google Application Reviews

Feb. 2021 to Feb. 2021

- Used NLP techniques (topic modeling/NMF, sentiment analysis) to do analysis for negative reviews.
- Tool: Pandas/Numpy/ Pickle/Matplotlib/Seaborn/Scipy/ Sklearn/ NLTK

Investment in Startup Company

Jan. 2020 to Jan. 2020

- Predicted whether the company will success or fail by utilizing classification algorithms and engineering features to optimize precision rate
- Helped investors to select right startup company to fund
- Tool: SQL/Pandas/ Numpy/Matplotlib/ Spicy/ Sklearn

Predict salary (Data science)

Jan. 2020 to Jan. 2020

- Web Scraped data from indeed(Selenium), and predicted annual salary
- Modeled data from indeed using linear regression, Lasso, and Ridge regularization to estimate the salaries thru feature engineering
- Tool: Beautiful Soup, Selenium, Seaborn, Matplotlib, Pandas, Numpy, Scikit-Learn