WASINEE SIEWSRICHOL

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SUMMARY

Data Scientist professional with background utilizing Python, SQL, Tableau for the entire data analysis workflow including data wrangling, data storytelling, data visualization, exploratory data analysis, and applying machine learning models to big data, currently seeking Data Engineer, Data Analyst , Data Scientist opportunities.

SKILLS

LANGUAGES: Python (Pandas, NumPy, Scikit-Learn), SQL, HTML, CSS, C++
DATA COLLECTION: JSON, CSV, API
DATA VISUALIZATION: MatplotLib, Seaborn, Plotly, Tableau, Power BI, Bokeh, D3.js, Tableau
MACHINE LEARNING: Hypothesis Testing, A/B Testing, Linear Regression, Logistic Regression, Classification, KNN, Random Forest, K-Means Clustering

PROJECTS

US STOCK MARKET EXCHANGE ANALYSIS   2022
- Python Tools: Scikit Learning, Pandas, NumPy, Datetime, Time Series, Arima, Metrics, Train and Test set, Machine Learning
- This project compared models against real future returns; modeled the training data to linear regression, decision tree, Arima
- Performed time series analysis with historical stock data and sentiment analysis to build a stock growth predictor for 4000 stocks
- that achieved an accuracy of mean of 0.03 cents of residuals

CREDIT CARD FRAUD   2022
- Python Tools: Standard Scaler, Decision Tree Classifier, KNN, Logistic Regression, Random Forest Classifier, XGBoost, XGBRF, Hybrid Model
- Detected credit card fraud on a 75/25 training set; Used Tableau sheets,= and created storyboard
- Used confusion matrix, accuracy score, and recall for metrics with a score of 81%; achieved an accuracy of 99.35%

SKI RESORT PRICE ANALYSIS   2022
- Python Tools: Pandas, NumPy, Seaborn
- Increased profit in the Winter of 2022 by 10% from last year by increasing the traffic of skiers and riders with the new premium
- Used heatmap and correlation analysis to conclude the winning model; made recommendations and story board

EMPLOYMENT

Foglia Foundation Health and Recreation Center, *Member Services Attendant/Data Entry*, Palatine, IL   July 2022 - Current
- Entered data into Rec Automation, audited 25 accounts/day, solved customer issues involving price and products
- Checked in over 200 people/day, organized banking/medical history in accordance to HIPAA laws

Gentle Dental Spa, *Dental Assistant/Front Desk*, Hoffman Estates, IL   July 2021 - May 2022
- Took average 50 calls a day per 10-hour workday, assisted dentist during composites, surgery, deep cleanings, root canals, crowns with average 16 patients/day

Friendship Senior Options, *Certified Nursing Assistant*, Schaumburg, IL   April 2020 - October 2021
- Average 9-17 patients a day and assisted with CPR, Full Code, and Staff Assist; assisted with average 5 admissions, transfer, and discharge process; took vital signs, weights, glucose levels, collect samples, phone calls and recorded in EPIC

EDUCATION

Springboard 2019 6 month intensive course in data science, machine learning, Python, SQL. Capstone Projects: (https://github.com/WasineeSi)

University of Illinois at Chicago 2019 Bachelor of Arts in Public Policy with concentration in Asian American Studies

ACTIVITIES

Society of Asian Scientists and Engineers   August 2012 - December 2019
- Founding member and wrote Constitution; Treasurer (2012) kept banking statements, raised over $1000 to send club members to regional conference with only $10 out of pocket fee; President (2013) oversaw weekly board and general assembly meetings