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| PROJECTS **Implementing Deep Neural Network With Tenserflow For Cats and Dog Image Classification and Recognition**   * **Skills Used:** Matplotlib, numpy, Seaborn, Sklearn, Python, Neural Networking, Keras, Tensorflow * **Project Objective:** Implementing Deep Neural Network with Keras for handwriting classification and recognition * **Quantifiable Results:** We could classify the type of number resulting in 65% accuracy. * **Github:**<https://github.com/jmlucasusc4/CNN_Project>   **Identifying Symptoms of Orthopedic Patients as Normal or Abnormal( KNN And Naive Bias classifier)**   * **Skills used:** Python, Pandas, SKlearn, Matplotlib * **Project Objective:** Classifying Biomechanical Features of Orthopedic Patients based on provided features to decrease the time required for diagnosis. * **Quantifiable result:** We could classify the type of tumor resulting in 85% accuracy using the K-means algorithm with K=4. And 83% accuracy with using Naive Bias Classifier * **Github:**<https://github.com/jmlucasusc4/KNN_NB_Project>   **Prediction of User Interest Using Bank Data**   * **Skills used:** Python, Pandas, SKlearn, Matplotlib * **Quantifiable result:**We could Classify the type of tumor resulting in 90% accuracy using Logistic Regression and SMOTE. * **Project Objective:** In this project you will be provided with real world data which is related with direct marketing campaigns (phone calls) of a Portuguese banking institution.The classification goal is to predict if the client will subscribe a term deposit (variable y). * **Github:**<https://github.com/jmlucasusc4/LogisticRegression>   **TalkingData Project on Bagging and Boosting Ensemble Model( Bagging And Boosting)**   * **Skills Used:** Matplotlib, numpy, Seaborn, Sklearn, Python, Neural Networking, Keras, Tensorflow * **Project Objective:** Implementing Deep Neural Network with Keras for handwriting classification and recognition * **Quantifiable Results:** We could classify the type of number resulting in 83.4% using bagging (random Forest) classifier and 93% accuracy using Boosting(XGboost) classifier. * **Github:**<https://github.com/jmlucasusc4/Bagging_Boosting_Project>   **Clustering of San Fransisco Employees based on salary (Unsupervised Learning- K means Cluster)**   * **Skilled Used**: Python.Pandas and sklearn * **Project Objective**: The classification goal is to find the number of clusters for the data. Policymakers to understand how they can improve on their policies for employee benefits * **Quantifiable Result:** We could predict a number of clusters. Used the clustering algorithms, K-Means and Hierarchical clustering. * **Github:**<https://github.com/jmlucasusc4/Cluster_Project>   **Identifying The People Having Heart Disease**   * **Skills used:** Python, Pandas, SKlearn, Matplotlib,LogisticRegression,DecisionTreeClassifier. * **Quantifiable result:** We could predict the bike rental demand resulting in 94% accuracy. * **Project Objective:** Predicting demand on bike rentals based on weather and seasonal factors in advance, to give recommendations and take appropriate measures which will result in increased bike utilization. * **Github:**<https://github.com/jmlucasusc4/Heart_Failure_Prediction>   **Predicting The Price of a House**   * **Skills used:** Python, Pandas, SKlearn, Matplotlib,Linear Regression, Logistic Regression. * **Quantifiable result:** In this problem, we will use the features associated with squareMeters, numberOfRooms, hasYard,hasPool,isNewBuilt,garage,hasGuestRoom to predict of Price of a house in Paris. * **Project Objective:** We could predict the price of house with an accuracy of 84% * **Github:**<https://github.com/jmlucasusc4/Zillow_Housing_Analysis> | **EXPERIENCE**  **Auditor**  **GBW Solution LTD. (Jiffy Lube)- Summerville, SC**  **Aug 2018 - Present**   * Possessed the ability to plan, prepare and manage an audit engagement * Solid workpaper preparation skills * Strong analytical and communication skills, both verbal and written * Maintained Long-term focus on client relationships by maintaining client contact with appropriate individuals through the year   **Material Handler**  **Express Professionals /Quality Control**  **Aug 2020 - Present (Summerville, SC)**   * Retrieved and election machines within tri-county area * Processed, packaged, and took inventory of home appliances   **Leasy and Sales Consultant**  **Ford Motor Company (Summerville, SC)**  **Jan 2020- July 2020**   * Conducted needs assessment to help clients with vehicle selection process * Gather and stored confidential financial information for credit reports * Negotiated down payments, monthly payments, and other financial figures  SKILLS **Programming Languages:** Python.   * **Library:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, NLTK, TensorFlow, Keras * **Data Science Skills:** Data Visualization, Data Cleaning, Exploratory Data Analysis, Probabilities & Statistics, Machine Learning, Predictive Modeling, Model Optimization, Deep Learning, NLP, Model Deployment, Computer Vision. * **Database:** MySQL, SQL server * **Other Skills:** Git/GitHub * **Soft Skills:** Problem Solving, Collaboration, Critical Thinking  EDUCATION **Bootcamp - Data Science**  **TECH I.S., Santa Clara,**  **October 2021-December 2021**  Graduated as a Data Scientist in an accelerated program with an immersive hands-on project work experience in Python, ML, AI, NLP, Analysis, Data Visualization, Probabilities & Statistics, Learning, Intelligence, etc.,  **ST. Thomas University**  **Master of Business Administration(MBA.)**  **Cyber Security**  **Aug 2019 – May 2021**  **University of South Carolina, Columbia**  **Bachelor of Arts(B.A)**  **Political Science**  **Aug 2015- May 2018**  **AWARDS**   * Spring 2016 Dean’s List (USC) * 2017 Ronald E. McNair Undergraduate Research Scholar (USC) * 2018 Leadership Distinction- Professional and Civic Engagement |