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| ***Nivedita Bhattacharya*** |

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|  | ***Professional Summary***  Data Scientist with 2+ years of hands-on experience in delivering valuable insights via data science and data driven methods, looking for an opportunity and platform where I can use my knowledge, skills, and experiences effectively for the employing company and learn much more in the process.  ***Work History***  Visvi Info Private Limited  Designation: Data Scientist  Duration: January **2019 to till date**   * Used Python and Beautiful Soup to scrape the data and build a NLP model for enhancing the localized search on Covid-19 data. * Created Machine Learning model with Python and scikit-learn to classify new complaints arriving from a stream of complaints web portal and assign a department to work on it. * Developed Visual Recommendation engine to recommend the consumers visually similar shoes to help them narrow down their choices. * Developed Complaint Management System using python to manage all the complaints in a single database through web based application.   ***Roles & Responsibilities***   * Validating and pre-processing the data using EDA and statistical techniques. * Processing, cleansing and verifying the integrity of data used for analysis. * Applying various visualization techniques for better understanding of the data. * Understanding and analyzing the data pertaining to various domains, build best fit models based on data and provide appropriate insights to business. * Preparing the presentation and documentation of the project report.   ***Projects Description***  Project-1 Web Application for Complaint Management System  **Description:** Design and development of a Web application for submission of complaints about the products/services delivery and retrieval of the update about the registered complaint for an E-commerce company.  **Tools & Techniques used:**  Flask web framework, Python Programming Language, Jupyter IDE, SQLite Database.  Project-2 Consumer Complaints Processing through ML model development  **Description:** Develop a ML model to classify new complaints arriving from a stream of complaints web portal and assign a department to work on it.  **Tools & Techniques used:**  Python, Flask web framework, Multinomial Naive Bayes.  Project-3 Visually similar products recommendation for e-commerce  **Description:** Develop a visually similar recommendation engine for e-commerce that recommend the consumers visually similar shoes to help them narrow down their choices. Shoes going out of stock create dead leads and drive customers to competitors. The best way to retain those customers is to show them similar alternatives to their selected shoe.  **Tools & Techniques used:** Python, Flask web framework, Deep learning model.  Project-4 Enriched web search for Covid-19 data  **Description:** Creating an enhanced localized web search for Covid-19 data. To provide faceted search for easy searching and categorization of Covid-19.  **Tools & Techniques used:** Python, Beautiful Soup, NLP, spacy.  I hereby declare that the above information is true to the best of my knowledge.  Date: Place: |  |  | niveditabhattacharya.6580@gmail.com 8236059993 Pune, Maharashtra, India  ***Machine Learning Skills***   * Linear Regression * Logistic Regression * Decision Trees * Random Forest * KNN * K-Means * Naive Bayes   ***Deep Learning Skills***   * Keras * ANN * CNN * RNN * NLP * Image Processing   ***Data Science Skills***   * Data Manipulation * Data Cleaning * Exploratory Data Analysis (EDA) * Data Visualization   ***Libraries & Packages***   * Pandas * Numpy * OpenCv * Matplotlib * Seaborn * NLTK * Scikit Learn * Spacy   ***Languages & Frameworks***   * Python * Flask Web Framework * MySQL   ***Key Competencies***   * Avid Learner * Dedication towards work * Knowledge seeker * Optimistic * Time Management * Ability to cope with different situations   ***Education***  **2016**  ITM University, SER  Naya Raipur, Chhattisgarh  M.Tech : Cyber Security  **2013**  Professional Institute of Engineering & Technology  Raipur, Chhattisgarh  B.E : Computer Science Engineering  ***Training***   * Training in “Data Science & Machine Learning” from Workoopolis. |  |