Sagar Nikhil Chitre Data Analyst

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Experience

Data Analyst, *Genpact*　　　　　　　　　　　　　　　　　　08/2021 – 07/2022 | Mumbai, India
- Executed robust ETL processes to handle and cleanse large datasets up to 2M+ rows using Excel, NumPy, and Pandas, ensuring data quality and integrity for subsequent analysis.
- Spearheaded the automation of 20+ weekly reports using Python, resulting in significant time savings of 15+ hours per week and increased efficiency.
- Developed and applied Python-based machine learning models to improve cohort trend prediction accuracy by 30%, demonstrating expertise in predictive analytics and data science.
- Created interactive dashboards using Tableau and Power BI to enhance data accessibility and interpretation for the media team, leading to a 40% improvement in data utilization.
- Conducted in-depth statistical analysis to identify key drivers of customer engagement, resulting in a 25% increase in click-through rates and demonstrating a strong data-driven decision-making approach.

Data Science Intern, *University of Mumbai*　　　05/2020 – 06/2020 & 05/2021 – 06/2021 | Mumbai, India
- Successfully implemented machine learning algorithms to solve various problem statements, resulting in an accuracy increase by Multiple Linear Algorithm.
- Led a team of 5 individuals during project development, ensuring timely project completion.
- Improved 2 projects within 4 months using ML models such as regression, resulting in an improvement in prediction accuracy by 20% compared to previous models.
- Utilized data analytical tools such as RStudio, using R programming language, resulting in an increase in data analysis efficiency by 30%.
- Utilized advanced SQL skills to write and optimize complex queries for data generation, analysis, and validation, ensuring data integrity and accuracy throughout the data engineering lifecycle.
- Applied expertise in MS Office Suite and Adobe Creative Cloud for the creation of project plans, managerial tasks, and presentations, resulting in an increase in project management efficiency by 25%.

Education

Master of ITM, *Illinois Institute of Technology*　　　　　　　　　　2022 – 2024 | Chicago, USA
Data Analytics and Management

Bachelor of Engineering, *University of Mumbai*　　　　　　　　　2018 – 2022 | Mumbai, India
Electronics and Telecommunication

Skills

Data Analysis /ETL tools: Power BI, Tableau, Sterling Integrator, Databricks, MS Excel, Google Analytics, Machine Learning, Data Modeling, Data Mapping, Data Mining, Data Extraction, Transformation

Tools: NumPy, Pandas, Matplotlib, Flask, Django, Git, GitHub, Docker, CI/CD, Statistics, HTML, CSS, Agile, SAS, Hadoop, Hive, PySpark, ggplot2, Snowflake

Others: Data Collection and Integration, Data Storage and Management, ETL Process, Machine Learning, Data Preparation, Data Mining, Statistical Analysis, Data Prediction, Linux, Data Visualization, Insight, Data Modeling, Process Modeling, Jira, Confluence, AWS, Google Analytics

Projects

Implementation of Smart Kitchen
- Led a team in developing user-centric smart kitchen apps, designing intuitive workflows, and integrating advanced features resulting in 10% reduced food wastage.
- Spearheaded the development of an application for effortless kitchen item scanning and cataloging and prepared an advanced object detection model using ML for enhanced inventory management having an accuracy of 97%.

Sentiment Analysis for twitter data using LSTM
- Developed a sentiment analysis model using LSTM capable of accurately classifying Twitter sentiment towards entities found through Named Entity Recognition (NER).
- Implemented NER which was a fundamental task under Natural Language Processing to extract relevant entities from Twitter data, enhancing sentiment analysis precision and providing valuable insights into public opinion.

Football Dataset Analysis
Exploratory Data Analysis, Model Training using R.

Customer Experience App
Developed a Product Canvas, Data Sourcing Strategy, ERD, and Business Questions using System Modelling, Analysis, and Design Coursework which was graded 100%.