

Sagar Nikhil Chitre Data Analyst

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Experience

Data Analyst, *Civis Analytics*

08/2023 – 05/2024 | Remote, India

- Engineered and orchestrated data pipelines to automate the ETL of diverse data sources into a centralized data repository, ensuring increase in efficiency in data availability and reliability for downstream analytics by 15%.
- Incorporated data validation and quality checks within the ETL processes to identify and resolve inconsistencies, collaborating with business stakeholders to ensure data accuracy and integrity.
- Crafted data models, including conceptual, logical, and physical data modeling, to optimize data storage, manipulation, and retrieval processes for enhanced efficiency and scalability.
- Led migration projects from Oracle to Teradata, overseeing the transition of data infrastructure and optimizing data storage solutions aligning with business needs with a accuracy of 100%.
- Employed advanced SQL skills to compose and refine complex queries for data generation, analysis, and validation, ensuring data integrity and accuracy increase of 10% throughout the data engineering lifecycle.
- Collaborated closely with cross-functional teams to understand and translate business requirements into technical specifications, designing and implementing scalable data solutions to support analytical and reporting needs.

Data Analyst, *Genpact*

08/2021 – 07/2022 | Mumbai, India

- Implemented 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.
- Orchestrated the automation of 20+ weekly reports using Python, resulting in significant time savings of 15+ hours per week and increased efficiency.
- Developed and deployed Python-based machine learning models to improve cohort trend prediction accuracy by 30%, demonstrating expertise in predictive analytics and data science.
- Fabricated interactive dashboards using Tableau and PowerBI to enhance data accessibility and interpretation for the media team, leading to a 40% improvement in data utilization.
- Undertook 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.

Education

Master of ITM, *Illinois Institute of Technology*
Data Analytics and Management

2022 – 2024 | Chicago, USA

Bachelor of Engineering, *University of Mumbai*
Electronics and Telecommunication

2018 – 2022 | Mumbai, India

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

- Built a sentiment analysis model using LSTM capable of accurately classifying Twitter sentiment towards entities identified 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

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