Priyadarshani Kamble

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No sponsorship required.

Summary

Data Science certified professional with extensive experience working in a fast-paced, agile environment to deliver Data Engineering & Analytics solutions in various industry verticals. Seeking opportunities in data science and machine learning field.

Education

SNDT University, Mumbai, India, Bachelor of Technology, Information Technology, June 2003

Certification

Springboard Data Science Career Track, Certification, September 2021 to September 2022
Udemy Tableau 2022 A-Z: Hands-on Tableau Training for Data science Oct 2022
Google Data Analytics Professional Certification - Ongoing

Skills

Machine Learning	Unsupervised Learning, Supervised Learning, Linear Regression, Logistic Regression, KNN Neighbors, Random Forest, K-Means Clustering, Support Vector Machine, Data Wrangling, Data Cleansing, Predictive Analysis, NLP, recommendation system, Time Series, Model deployment using Flask, Heroku, Web Scraping
Analytics/Visualization	Excel sheet, matplotlib, seaborn, Tableau, Exploratory Data Analysis, Jupyter
Programming	Python, scikit-learn, NumPy, SciPy, pandas, nltk, SQL, pandas, Perl, Shell Scripting, SQR reporting
ETL	Informatica power center
Database	Teradata, Oracle, Sybase, Oracle PLSQL/Stored Procedures, Redshift, SQL, DB2, MySQL
Workload Automation	Informatica WLM, Control-M, Autosys
Web development	PHP, JavaScript, HTML
Process	ALM, INTAKE, JIRA, Plutora, Jenkins, UDeploy, Agile, SDLC

Work Experience

Omdena   **Data Analyst**   **Oct 2022- Dec 2022**

Selected as one of the contributors to work on the project titled " Data Analysis system for the high school final exams in Egypt"

Environment: Web scraping (API, HTTP Requests), Tableau, Python, GitHub, Machine Learning, Excel sheet

- o Data Collection and Cleaning: Performed web scraping to collect high school result data, cleaning, analyzing using excel sheet, python.
- o Exploratory Data Analysis: Performed Exploratory data analysis in python to provide insights to help company identify the patterns and share results in data using Tableau.

Data Glacier   **Data Analyst**   **Jun 2022- Sept 2022**

Environment: Python, GitHub, Machine Learning

- Performed Exploratory data analysis to provide insights to help company identify the right company to make their investment at data glacier.
    - o Data Cleaning: Applied data cleaning methods on the dataset of 13 million plus entries and organized the data in pivot table using sales order and email data to retrieve, clean, and integrate insights which helped client in promotion of products, increasing sales by 36%.
    - o Exploratory Data Analysis: Managed and optimized data transfer and validation. Created recommendations for the customer's future company expansion utilizing EDA, which resulted in a 23% increase in revenue.https://github.com/gitprojectspk/G2M-Insight-for-Cab-Investment-Firm-EDA
    - o Visualization: Used a variety of statistical approaches to create an interactive cohort analysis report in Tableau
- Built Random Forest classifier to predict whether the bank customers will subscribe to term deposit product using bank marketing data. Calculated best score by applying imbalance Data Handling, Hyper Parameter Tunning. https://github.com/gitprojectspk/Bank_Marketing

Springboard   **Data Analyst**   **Sept 2021- Sept 2022**

Description: 550+ hours of hands-on curriculum, with 1:1 industry expert mentor oversight, and completion of 2 in-depth capstone projects. Mastering skills in Python, SQL, data analysis, data visualization, hypothesis testing, and machine learning.

- Built Random Forest classifier to predict Genetic disorder using medical information about children at springboard as Capstone project. Calculated best score by applying imbalance Data Handling, Hyper Parameter Tunning. Performed Exploratory data analysis in python using matplotlib, seaborn to provide insights to help company identify the patterns and share results in data using Tableau. https://github.com/gitprojectspk/Capstone2_Genetic_Disorder_Prediction
- Built Content Based and Collaborative system as capstone project at springboard to recommend movies using NLP (Tfidf, Count Vectorizer), KNN, SVD algorithms. Performed Exploratory data analysis in python using matplotlib, seaborn to provide insights to help company identify the patterns and share results in data using Tableau. https://github.com/gitprojectspk/Capstone3_Movie_Recommendation_System

NttData Inc.   **System Analyst**   **May 2014- Aug 2021**

Project - WDM-PVIEW   Client: Wells Fargo

- Performed Data collection, cleaning, analyzing to create detailed data reports prepared for customer data, senior management reviews, ad-hoc requests, and cross-functional requests as needed across Wholesale business to provide insights and create profitability reports for business stakeholders.
- Built DataMart to provide data sourcing and future profit view analytical and reporting needs using tools like **Excel sheet, Shell Scripting, Informatica, Teradata**.
- Developed ETL solutions and optimized performance using several techniques several optimization techniques like informatica PDO, pipeline partitioning and Teradata utilities like TPT, MLoad, FastLoad, Tpump, Bteq and SQL Query Optimization to handle 5 terabytes of data. This work improved SLA for overall load time of weekly batch from 6-hour to 1.5 hrs.
- Created documentation including: TDDs, FSDs, BRDs, user stories, POCs
- Writing basic to complex SQL queries, optimizing, debugging
- Production Deployment, Production Support.

Project – PCI Tokenization   Client: Wells Fargo

- Developed Tokenization system to make Commercial Card system within Wells Fargo product PCI-DSS compliant and mitigate security risk in individual applications by protecting the primary account number.
- Used **Excel sheet, shell scripting, Rise Data Power, Python, File Transmission tools** to build an application to handle the files containing the real card numbers to be tokenized before they are processed by various application and the files containing the tokenized card numbers and therefore need to be detokenized before they are sent to the vendors/customers.

- Created documentation including: TDDs, FSDs, BRDs, user stories, POCs
- Writing basic to complex SQL queries, optimizing, debugging
- Production Deployment, Production Support.

Project – Sox Reporting   Client: Wyndham Worldwide Hotels

- Migrated SOX Reports from **MicroStrategy/DB2** to **OBIEE /REDSHIFT** using tools **like AWS-GLUE, MDM, Informatica.**
- This included Extensive Analysis on petabyte scale data in Redshift DB to achieve the same result as of MicroStrategy reports.
- Interacted with the Data analysts, SMEs, Business stakeholders to understand requirements and provide solutions. Data collecting, cleaning, transforming, and writing basic to complex SQL queries, optimizing, debugging to create downstream reports. Report generation improved from 6 hours to 5 mins.
- Writing basic to complex SQL queries, optimizing, debugging
- Production Deployment, Production Support.

Project - GUIDE - Sybase to Oracle Migration   Client: Fidelity Investments

- Migrated application from **Sybase** to **Oracle** using tools like **Perl, shell, SQR scripting, Stored procedures**.
- I rewrote stored procedures in oracle, rebuilt 400 Perl and shell scripts. Got a chance to work on reverse engineering legacy technologies like SQR Reporting.
- Interacted with the Business stakeholders to understand requirements and did extensive data analysis on Sybase to understand the customer reports generation and replicate in oracle.
- Writing basic to complex SQL queries, optimizing, debugging
- Production Deployment, Production Support.

Wipro Technologies Ltd   **System Analyst**   **June 2011- April 2014**

Project – IMT   Client: Charles Schwab

- Developed dataware house IDW which provides infrastructure for central data integration platform to support management and regulatory reporting, business analytics, and decision support application functionality.

- Implemented performance tuning using Informatica pushdown optimization, pipeline partitioning and Teradata utilities like MLoad, FastLoad, Tpump, Bteq.

- Writing basic to complex SQL queries, optimizing, debugging
- Production Deployment, Production Support.

Project – IBS   Client: Charles Schwab

- Built PAS Independent branch processing system, which helped enterprise manage client segment profitability. Built cross enterprise reports, which are used by all enterprises to understand the profitability of their business using tools like **Teradata, informatica, Data analytics using excel sheet**.

- Implemented performance tuning using Informatica pushdown optimization, pipeline partitioning and

Teradata utilities like MLoad, FastLoad, Tpump, Bteq.

- • Writing basic to complex SQL queries, optimizing, debugging.
- • Production Deployment, Production Support.

Infosys Technologies Ltd   **System Analyst**   **Jan 2007- Dec 2010**

Project – Medical Management   Client: Wellpoint Inc

- - Extensive analysis and collection on data from ECC, Care Planner, TriMed and WMDS systems to build a Medical Management DataMart i.e Creating a "one source" of medical management data repository using **informatica and Teradata.**
- • 24*7 Production support for the applications CURS, DELTA, and CIS to handle production failures, error resolution, debugging and analysis of data issue, server issues, balancing issues, and database issues for the applications. Writing basic to complex SQL queries, optimizing, debugging.

People Interactive/Coddo net Pvt Ltd   **Software Engineer**   **Jun 2004- Dec 2006**

Project – Website development for astrolife.com

- - Used PHP to develop online portals and created various Vedic/ western astrology reports based on birth details fetched from users and building online billing process