Prabhat Dhar

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About Me: Data Analyst with strong analytical skills and experience in SQL, Python, and data visualization. Eager to transition into DevOps by leveraging scripting, cloud platforms, and automation skills to improve operational efficiency and support development teams.

Eligible to work in the UK: Yes, Skilled Worker Visa (is eligible to work 20hrs per week).

Work Experience (Care Assistant and Data Analyst):

EVERYCARE LTD

April 2023 to Present

• Delivered person-centred care, supporting service users with daily living, wellbeing monitoring, and emotional support.
• Recorded health observations, medication updates, and daily activity logs in digital care-management systems.
• Used Excel to maintain and clean care records, track incident logs, and create simple dashboards for shift leaders.
• Assisted the team by analysing care-related trends using Power BI (e.g., attendance patterns, risk indicators, medication timings).
• Utilised Python (basic scripting) to organise and process care-log data, helping improve accuracy and reduce manual workload. • Prepared weekly summaries for senior staff by visualising key information such as response times, service-user progress, and staff allocation.
• Ensured all data was handled confidentially and accurately, fully compliant with safeguarding and GDPR standards.
• Communicated insights to team leaders in a simple, clear way to support decision-making during shifts.
• Supported administrative duties such as organising schedules, updating documentation, and maintaining digital files.

KFC Team Member (Demipower Ltd-Wood Green):

January 2021 to March 2023

• Delivered fast, friendly customer service in a high-pressure environment while maintaining brand standards.
• Prepared and served food items according to strict hygiene, safety, and quality procedures.
• Handled cash, card payments, and till operations accurately with strong attention to detail.
• Managed orders efficiently during peak hours, ensuring quick service and minimal wait times.
• Worked collaboratively with kitchen and front-of-house teams to keep operations smooth and well coordinated.
• Followed food safety procedures including temperature checks, cleaning routines, and waste management.
• Restocked supplies, maintained cleanliness, and ensured a safe and organised working environment.
• Assisted shift leaders by updating checklists, logging waste, and tracking stock levels.
• Provided excellent customer service by resolving issues, handling complaints politely, and ensuring a positive dining experience.
• Adapted quickly to changing tasks and demonstrated reliability, punctuality, and strong work ethic.

Chaiiwala(Crew Member):

March 2022 to September 2022

• Provided friendly and efficient customer service, creating a welcoming atmosphere for guests.
• Prepared chai, snacks, and menu items to brand standards, ensuring consistent taste and presentation.
• Handled till operations, cash/card payments, and order processing with accuracy and attention to detail.
• Managed front-of-house duties including taking orders, serving customers, and maintaining cleanliness.
• Coordinated with kitchen staff to ensure timely order fulfilment during busy peak periods.
• Followed food hygiene and safety procedures, including cleaning schedules, temperature checks, and allergen awareness.
• Restocked ingredients, packaging, and supplies to keep operations running smoothly.
• Assisted with inventory checks and logging stock shortages for supervisors.
• Resolved customer queries and complaints politely, ensuring a positive experience for every guest.

• Demonstrated reliability, punctuality, and flexibility in a fast-paced café environment.

Projects —

◆ [SIMPLE A&E ANALYSIS USING DIFFERENT TOOLS]

• Created Synthetic data for attendance and emergency analysis (NHS) in sql and python.
• Analysed the Data and visualized it and then forcasted the next 2month using ML models.
• Used tools SQL, Python, PowerBi and Tableau(Dashboard creation)

◆ [NHS DATA ANALYSIS]

• Created MOCK data/Loaded csv file for 3 different analysis (NHS) in python.
• Automation scripts
• Patient data cleaning
• Survey Analysis using Python

◆ [FULL CI/CD PIPELINING]

• Demonstrated three separate example CI/CD pipelines (Python, SQL, Excel)
• A unified full pipeline that runs them all.
• It is intended as self project for Data Analysts / Data Engineer.

◆ [SALES ANALYSIS AND FORECASTING USING MACHINE LEARNING]

• Generated(synthetic) or loaded sales data
• Data visualization
• Feature engineering
• Machine Learning forecasting models
• Model comparison (RMSE, MAE)

◆ [HOUSE PRICE ANALYSIS AND PREDICTION]

• Created a synthetic dataset with missing and duplicate values
• Cleaned data (handling missing & duplicate entries)
• Exploratory Data Analysis (EDA)
• Machine Learning model to predict house prices

◆ [BANKING CHURN PREDICTION]

• Generated a synthetic banking dataset (with duplicates and missing values)
• Performed Exploratory Data Analysis (EDA)
• Cleaned the data (handle duplicates and missing values)
• Done preprocessing pipelines
• Trained and compared multiple machine learning models (Logistic Regression, Random Forest, Gradient Boosting)
• Evaluated and visualized performance (ROC curves, confusion matrix, feature importance)
• Predicted future churn probabilities for new customers
• Saved cleaned datasets and model results

◆ [CREDIT CARD FRAUD ANALYSIS]

• Generated a realistic synthetic dataset (fraud vs. non-fraud)
• Explored the data (EDA)
• Handled imbalance using class weights or SMOTE
• Trained multiple ML models (Logistic Regression, Random Forest, Gradient Boosting)
• Evaluated and compared models (ROC-AUC, F1, Precision, Recall)
• Visualized results (ROC curves, confusion matrix, feature importances)
• Predicted future transactions and save results

◆ [RAINFALL PREDICTION USING ML MODELS AND PYCARET (DISSERTATION PROJECT)]

• Analysed and cleaned the datasheet for further analysis.
• Created a web app which will predict wether it will rain tomorrow or not using different ML models and then Auto ML Library i.e. PyCaret in this project.
/** All these Projects are available on my Github profile **/

Skills and Tools

• Data Analysis & Reporting – Ability to analyse datasets, identify trends, and generate meaningful insights.
• Excel (Advanced) – Pivot tables, data cleaning, dashboards.
• SQL – Writing queries, filtering data, joins, aggregations.
• Python (Basic–Intermediate) – Pandas, NumPy, data cleaning and exploration.
• Data Visualisation – Creating dashboards and reports using Power BI / Tableau.
• Data Cleaning & Preparation – Handling missing data, duplicates, formatting issues.
• Business Intelligence (BI) – Turning data into actionable insights for decision-making.

- Reporting Tools – Power BI, Excel dashboards.
- Statistical Knowledge – Basic statistics: mean, median, variance, correlations.
- Problem-Solving – Ability to turn business problems into data-driven solutions.
- Communication Skills – Presenting findings clearly to non-technical stakeholders.
- Attention to Detail – Ensuring accuracy and reliability of data.
- Critical Thinking – Interpreting data patterns and identifying anomalies.
- Team Collaboration – Working with cross-functional teams and sharing insights.

Education

- PG Diploma in Data Science and its Application
* University of Essex — November 2022 - 165 Credits
🏫 Essex (Colchester), United Kingdom

- Bachelor's in Physics
* University of Calcutta — August 2021 - 7.240 C.G.P.A
🏫 Kolkata(West Bengal), India

- I.S.C (12th)
* St. Xavier's Institution — April 2017 - 85%
🏫 Kolkata(West Bengal), India

- I.C.S.E (10th)
* St. Xavier's Institution — April 2015 - 93.8%
🏫 Kolkata(West Bengal), India

LANGUAGES:

- ENGLISH
- HINDI
- BENGALI

CERTIFICATION :
- ENGLISH SELT ISE 1 EXAM TRINITY COLLEGE(PASSED WITH DISTINCTION IN WRITING SPEAKING AND LISTENING AND MERIT IN READING)
- DBS CERTIFICATION (ALL CHECKS PASSED)