Devendra Dabkar

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PROFILE SUMMARY

Experienced analyst with over 1+ year of expertise in technical and functional domain. Demonstrated adaptability and versatility in delivering impactful solutions. Proficient in predictive modelling, data forecasting and enhancing operational efficiency, resulting in significant cost savings. A detail-oriented thinker with a strong aptitude for identifying key insights and trends within intricate datasets

FUNCTIONAL AREAS

- Business Intelligence
- Data Visualization
- Project Management and Collaboration
- Machine Learning

TECHNICAL SKILLS

- **Advanced Excel –** Pivot Tables, Charts, Lookups, Power Query and Power Pivot

- **Power BI** – Extract Transform & Load [ETL], Data Modeling, DAX, Parameters, Publishing, Scheduled Refresh, Reports and Dashboards

- **Programming –** Scikit-Learn, Numpy, Pandas, Matplotlib, Seaborn, and Scipy

- **Database** – MySQL (DDL, DML, Windows Functions, Joins, Indexes, Procedures)

- **Data Analysis** – Exploratory Data Analysis [EDA], Missing Value and Outlier Treatment, Feature Engineering

- **Machine Learning** – Supervised [KNN, Linear Models, etc.] and Unsupervised Learning, Ensemble Techniques [Bagging, Boosting]

- **Tools** – Jupyter Notebook, MySQL Workbench, Tableau, Power BI, MS Office, Microsoft Excel

WORK EXPERIENCE

iResearch Services Private Limited, Pune, India

- **Data Mining Executive**   **04/2022 – 08/2023**

  o Conducted in depth data analysis to identify trends, patterns, and insights in large datasets, utilized statistical methods and data visualization tools to present findings and support data-driven decision-making

  o Performed data cleaning and preprocessing tasks to ensure data accuracy and reliability, addressed missing values, outliers, and data quality issues to improve data integrity

  o Produced clear and actionable reports and dashboards to monitor key performance indicators (KPIs), Designed data visualizations that effectively communicated complex information to both technical and non-technical stakeholders

  o Managed and queried databases (e.g., SQL) to retrieve and manipulate data for analysis, maintained data pipelines to ensure consistent access to relevant data sources

  o Designed and executed A/B tests to evaluate the impact of changes on business metrics, analyzed test results and provided insights to guide decision making and optimization efforts

  o Collaborated with cross-functional teams, including marketing, sales, and finance, to understand their data needs and deliver actionable insights

  o Identified and solved complex business challenges through data analysis, resulting in improved processes and cost savings, translated data-driven insights into actionable recommendations to drive business growth

  o Ensured data privacy and compliance with relevant regulations (e.g., GDPR) in all data-related activities, Managed and prioritized multiple data analysis projects, consistently meeting deadlines and project objectives

  o Kept up-to-date with industry trends and emerging technologies in data analytics through self-study and professional development

  o Documented data analysis methodologies, data sources, and findings to maintain clear records for future reference

Windals Precision Pvt Ltd, Pune, India   **02/2021 – 07/2021**

- **Manufacturing Quality Engineer**

  o Conducted inspections, root cause analysis, and calibration, ensuring compliance with standards and precise measurements, highlighting strong commitment to quality control

  o Developed supplier initiatives, collaborated cross-functionally, and participated in audits to enhance quality and drive process improvements

  o Conducted rework and component analysis, addressing quality issues proactively, and monitored production lines for consistent high-quality output

  o Managed in-process inspections, maintained gauge lists, and implemented quality protocols, emphasizing attention to detail and a proactive approach

  o Prepared quality reports and presentations for senior management and stakeholders, showcasing strong communication and reporting skills

ACADEMIC PROJECTS

- **P.G Project** – Predicting Prices for Airbnb Properties
  - o Built a Python-based Airbnb property price prediction model through dataset preprocessing and exploration. Employed regression models to calculate nightly rates considering property attributes like quality, size, location, and amenities. Enhanced price prediction accuracy, making valuable contributions to property pricing within the hospitality sector

PROJECTS - FOR SELF LEARNING

- **Market Research Analysis for Product Launch**
  - o Led comprehensive market research, utilizing surveys, focus groups, and online analytics tools to analyze consumer behavior, competitor strategies, and industry trends. Interpreted data, provided insights, and collaborated cross-functionally to shape product development, pricing, and marketing strategies, with a focus on post-launch analysis for ongoing optimization

- **Sales Performance Dashboard**
  - o Developed a sales analysis dashboard using Power BI to track sales data by product, region, and salesperson. Utilized various visualizations such as bar charts, line charts, and maps to present the data in an easily understandable format. Improved decision-making by providing real-time insights and identifying trends in sales data. Reduced reporting time by 50% and increased efficiency by automating data extraction and transformation

- **Zomato Sales Analysis**
  - o An SQL analysis of Zomato sales data: study customer behavior, product performance & trends. Includes schema setup, data insertion & insightful queries for spending patterns, popular items & retention rates. Demonstrates practical SQL skills on a sales dataset

- **Sales Insights and Customer Behavior Analysis**
  - o Conducted comprehensive customer behavior and sales trend analysis using Python, leveraging data manipulation and visualization libraries to explore gender distribution, age groups, marital status, occupations, product categories, and regional sales. Generated valuable insights for businesses through data visualization, showcasing expertise in data preprocessing, exploratory data analysis, and Python libraries such as Pandas, Matplotlib, and Seaborn

- **Finance Business Performance Dashboard**
  - o Conducted comprehensive customer behavior and sales trend analysis using Python, leveraging data manipulation and visualization libraries to explore gender distribution, age groups, marital status, occupations, product categories, and regional sales. Generated valuable insights for businesses through data visualization, showcasing expertise in data preprocessing, exploratory data analysis, and Python libraries such as Pandas, Matplotlib, and Seaborn

EDUCATION

- **Post Graduate Program [PGA] [Data Science and Engineering]**   **2021 – 2022**
  - o Great Lakes Institute of Management [76.95/100 Percentage]

- **Bachelor of Engineering [BE] [Mechanical Engineering]**   **2017 – 2020**
  - o Savitribai Phule Pune University [65.56/100 Percentage]

- **Diploma in Mechanical Engineering [Diploma] [Mechanical Engineering]**   **2014 – 2017**
  - o Maharashtra State Board of Technical Education [64.24/100 Percentage]

- **10th Std**   **2014**
  - o Maharashtra State Board of Secondary and Higher Secondary Education [75.60/100 Percentage]

EXTRA-CURRICULAR ACTIVITIES

- Participated in GO KART competition for two years, involving designing, building, and racing against other teams
- Successfully participated in SKDC 2018 workshop organized by SMAE, gaining insights into the latest engineering developments
- Won KART DESIGN CHALLENGE in Punjab [Feb 2019], SKDC [Sep 2019], and JSKC [Jan 2019], showcasing design and racing skills

OTHER SKILLS

Problem Solving | Critical Thinking | Leadership | Team Work | Time Management