

Deepa Ponnusamy

kpdeepa1980@gmail.com | [GitHub: Power BI Projects](#) | [GitHub: Python Projects](#)

OBJECTIVE

Data analyst and programmer with expertise in Excel VBA, Python, and ETL processes. Proficient in data analysis, visualization, and statistics using Power BI, Tableau, and Python. Seeking a role to contribute to data-driven projects and digital transformation initiatives.

EDUCATION & CERTIFICATIONS

- Master of Computer Applications – Periyar University, Salem, India
 - Bachelor of Bank Management – Periyar University, Salem, India
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SKILLS

- **Programming Languages:** Python, C, C++, Java, Excel VBA
 - **Libraries & Frameworks:** Pandas, NumPy, Matplotlib, scikit-learn
 - **Data Visualization:** Power BI, Tableau, Seaborn, Matplotlib
 - **Databases:** MySQL, MongoDB, SQLite, Oracle
 - **ETL Tools:** CSV, JSON, XML, Excel, SQL, MongoDB
 - **Tools:** Git, Jupyter Notebooks, VS Code
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PROJECTS

1. ETL Transformation Project

- Built a Python ETL pipeline for data extraction, transformation, and loading from CSV to MySQL, MongoDB, XML, Excel, and JSON.

2. Word Analysis Project

- Analyzed product reviews using Python, performed text tokenization, computed word frequencies, and visualized results using matplotlib.

3. Power BI Projects

- **AdventureWorks Sales Report:** Loaded and cleaned Excel data to generate reports on sales amount, order quantity by country, and category performance.
 - **Mega Mart Report:** Analyzed revenue by zone, gender, and educational level, and displayed units sold by subcategory.
 - **Finance Report:** Visualized profit by date, profit by country, and sales by product segment.
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PROFESSIONAL EXPERIENCE

Software Engineer : Master Co., Ltd., Changwon, Gyeongnam, Republic of Korea

March 2008 – February 2009

- Designed, tested, and optimized software applications.
 - Developed and maintained database structures, ensuring data integrity.
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ADDITIONAL SKILLS

- Strong analytical and problem-solving abilities
- Proficient in data visualization and reporting with Power BI and Tableau
- Solid understanding of statistical methods and analysis