# KOTERA R PRIYA

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## CAREER OBJECTIVE

Analytics professional with experience in SQL and CLI for data ingestion, validation, and transformation at Capgemini. Seeking to drive automation and build scalable analytics solutions in data-driven environments.

## TECHNICAL SKILLS

- **Languages & Libraries:** Python (NumPy, Pandas, Matplotlib), SQL
- **Database:** MySql, Oracle database
- **Tools and IDEs**: Excel, VS Code, Jupyter notebook, GIT, GitHub
- **Other Skills:** Command Line, Database Testing, OpenCV, API Integration

## EXPERIENCE

**Capgemini** Sept 2024 – Present
**Analyst**

- Performed data extraction and validation from Oracle databases using SQL and command-line tools, ensuring high data accuracy across production environments.
- Collaborated with engineering teams to optimize data ingestion and transformation pipelines, reducing data load time and manual intervention by 20%.
- Created detailed documentation of data workflows, validation results, and pipeline issues in Confluence to enhance transparency and support data governance efforts.
- Leveraged Command Line Interface (CLI) to create, update, and delete configuration data by executing sprint-specific file commands.

## PROJECTS

**RETAIL SALES ANALYSIS | Python, Excel, Matplotlib**

- Cleansed and processed retail sales data, removing null values, duplicates, and inconsistencies.
- Extracted key performance indicators (KPIs) to analyze sales trends and business performance.
- Excel was used for initial data processing, then Python for deeper insights and visualization.

**STOCK NOTIFIER | Python, Yahoo Finance API, Twilio API**

- Developed a real-time stock monitoring system that tracks volatility and identifies trends by retrieving and analysing real-time market data using the Yahoo Finance API.
- Integrated Twilio API to send SMS alerts only when the stock price exceeds a predetermined threshold, allowing investors to make informed decisions.

**FACEID-ATTENDANCE| Python, OpenCV, MySql**

- Developed a Python-based attendance system using computer vision techniques to accurately recognize faces.
- Utilized Histogram of Oriented Gradients (HOG) & Deep Learning-based CNN model (via face_recognition) for robust and accurate facial recognition and stored attendance data securely in a MySQL database.
- Integrated a webcam-based real-time system, capturing and encoding faces using 128-dimensional face embeddings for efficient matching. Optimized the system for efficient face encoding and reducing processing time.

## EDUCATION

**B.E | Computer Science and Engineering** | 8.72 GPA 2020- 2024
New Horizon College of Engineering, Bengaluru

## CERTIFICATIONS

- The complete SQL Bootcamp - Udemy
- Accenture North America – Data Analytics & Visualization Virtual Experience (Forage)
- Excel Basics for Data Analysis – Coursera (IBM)
- Git going Fast - Udemy