

# CHANDANA AMMAGARIPETA

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## Professional Summary

Results-driven **Data Analyst** skilled in SQL, Power BI, Tableau, Excel, and Python for data cleaning, visualization, and insights generation. Experienced in transforming complex datasets into actionable business intelligence, developing dashboards, and performing statistical analysis. Seeking to leverage analytical expertise to support data-driven decision-making in a dynamic organization.

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## Skills:

- **Data Analysis & Visualization:** Power BI, Tableau, Excel (Advanced)
  - **Databases:** SQL, MS SQL Server, MongoDB
  - **Programming & Libraries:** Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, NLTK, SpaCy), R (basic)
  - **Data Handling:** Data Cleaning, Transformation, Automation, EDA
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## Experience:

**Data Analyst Intern** | Learnvista Pvt Ltd | Jan 2024 – Dec 2024(12 months)

- Cleaned, transformed, and validated large datasets using **SQL and Excel**.
  - Built **interactive Power BI dashboards** to visualize KPIs, trends, and business metrics.
  - Designed optimized **SQL queries** for extracting and analyzing structured data.
  - Conducted **EDA in Python** to uncover insights and correlations.
  - Automated recurring reports and supported clients with tailored analytics solutions.
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## Projects:

### 1. Inventory Management System

*SQL, Database Design, Stored Procedures, Triggers*

Developed an SQL-based inventory management system to automate supplier, product, stock, and order management, featuring relational database design, stored procedures for record creation, triggers for real-time stock updates, and a consolidated billing view.

### 2. Hospital Management System with SQL

Created an SQL system for managing patients, appointments, medical history, and billing, utilizing complex queries, stored procedures, and triggers for automation. Produced comprehensive documentation demonstrating SQL expertise in healthcare data management.

### 3. Revenue and Gender Diversity Analysis Dashboard in Power BI

Developed an interactive Power BI dashboard to analyze revenue trends and gender diversity, highlighting the need for improved female board representation and emphasizing the importance of diversity in leadership roles.

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#### Inside Sales Analysis & Marketing Budget Optimization

##### Objectives:

- Evaluate and enhance the performance of the inside sales team.
- Identify key factors driving sales closures and customer retention.
- Optimize marketing budget allocation to improve ROI.

##### Approach:

- Extracted and analyzed sales data using SQL and Excel.
- Performed data cleaning and exploratory data analysis (EDA) to identify trends and outliers.
- Developed interactive Power BI dashboards to visualize sales performance, customer acquisition trends, and key metrics like lead response time and deal size.
- Analyzed marketing spend patterns to optimize budget allocation for maximum impact.

##### Deliverables:

- A consolidated Power BI dashboard highlighting sales performance and customer trends.
  - Data-driven recommendations to improve conversion rates and optimize the sales process.
  - Insights on budget efficiency, leading to improved marketing ROI.
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#### Education:

- **PGDM** - NITTE School of Management (2021-2023) | **CGPA: 8.22**
- **B.Sc. (Hons.)** - Rai Technology University (2017-2021) | **CGPA: 8.45**
- **Intermediate** - Narayana Sri Chaitanya Junior College (2015-2017) | **97.66 %**

#### Certifications:

- Business Analytics Masters (Learnbay, IBM powered),
- Statistics 101 (IBM),
- Mathematical Optimization (IBM),
- Data Visualization with Cognos (IBM)