

# Chandra Sekhar Todeti

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## Work Experience

### TCS — BI Developer

Feb 2020 – Aug 2022

Hyderabad, India | *Business Intelligence*

- Led the migration of 70+ on-premises Power BI reports to Azure Cloud, reducing load times by 30% and increasing report accessibility for over 200 users.
- Analyzed and optimized SQL queries for slow and failing reports, resulting in a 40% improvement in performance and reducing report generation time from 10 minutes to 6 minutes.
- Participated in the full lifecycle of BI development from requirements gathering to user acceptance testing, delivering 5 major BI projects on time and increasing user satisfaction scores by 25%.
- Instituted automated reporting workflows using SSIS and Informatica, streamlining data processing and reducing manual reporting time by 50% while enhancing data accuracy.
- Engaged in data modeling, data warehousing, and ETL processes to organize and analyze large datasets, optimizing ETL workflows to enhance data retrieval times by 30%.

### TCS — Data Analyst Intern

Sep 2019 – Feb 2020

Hyderabad, India | *Data Analytics*

- Propelled machine learning models to analyze large datasets, leading to a 20% increase in predictive accuracy and enabling data-driven decision-making for enterprise solutions.
- Implemented AI algorithms to automate data processing and pattern recognition, reducing manual data analysis time by 40% and enhancing overall system efficiency.
- Forged and optimized cloud-based solutions using Amazon Web Services (AWS), improving system scalability by 30% and reducing operational costs by 15%.
- Constructed a Python script for automated data cleansing and preprocessing, reducing data preparation time by 10%, saving approximately 20 hours per week, and ensuring data accuracy for analyses.
- Generated and maintained data integration and reporting solutions for the retail sector, utilizing SSIS, SSRS, and SQL technologies, improving data processing speed by 15%.
- Leveraged Python and R for data analysis, including statistical modelling and predictive analytics, achieving a 15% increase in predictive model accuracy, and optimising decision-making processes.

## Projects

### Airline Data Quality & Performance Analysis

Mar 2025

- Analyzed 1M+ real-world flight records to identify the 10 busiest and most profitable round-trip airline routes using Python (Pandas, NumPy, Matplotlib).
- Built KPIs such as On-time Performance, Load Factor, Revenue/Cost per Mile, driving data-backed insights into route efficiency and customer satisfaction.
- Conducted profitability and break-even analysis, identifying 5 high-ROI routes and the flight volume needed to recover a \$90M aircraft investment.
- Performed end-to-end data cleansing, merging, and transformation, ensuring high data integrity across variables and improving analytical accuracy.

### Academic BI Projects

- University Dashboard: Developed interactive Power BI dashboards to track student performance, boosting reporting efficiency by 30%.
- Retail ETL Automation: Created SSIS workflows to integrate sales data from multiple retail locations, reducing processing time by 20%.
- Designed custom ETL pipelines using SQL Server and SSIS to handle diverse data formats, cutting manual data work by 25%.

### Data Integration with SQL Server and Snowflake

- Executed the integration of data sources from SQL Server and Snowflake, facilitating seamless data transfers and reducing manual wrangling by 25%.
- Established a data pipeline that ensured compatibility between platforms, improving data integrity and reliability.

## Certifications

Introduction to Career Skills in Data Analytics, [LinkedIn](#)

Oct 2024

Microsoft Certified: [Power BI Data Analyst Associate](#)

Nov 2024

Goldman Sachs-Operations Job Simulation, [LinkedIn](#)

Dec 2024

## Education

Florida Atlantic University, USA – Master of Science, Computer Science

May 2024

**Concentration 1:** Data Analytics **Concentration 2:** Machine Learning

**Courses:** Cloud Computing, Machine Learning, Data Analytics, Software Engineering, Artificial Intelligence, Advanced SQL & Database Management

## Skills & Interests

**Skills:** Data Cleaning, Data Wrangling, A/B Testing, Critical Thinking, Problem-Solving, ETL, Agile, Scrum, Microsoft Project

**Soft Skills:** Communication Skills, Presentation Skills, Stakeholder Collaboration, Adaptability, Teamwork

**Technical Skills:** Python, R, SQL, Restful API, Spark, NLP, NumPy, Big Query, SSIS, SAS, SPSS, Pandas, Matplotlib, SciPy, ggplot2, TensorFlow, Keras, Power BI (DAX, M Query, Row-Level Security), Tableau, QlikView, Snowflake, SQL Server, Oracle, MySQL, Apache Spark, Azure Databricks, Informatica, Azure, AWS, GCP