

# Kurapati Tarun Kumar

Data Analyst

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## Professional Summary

Data professional with an MSc in AI and Data Science, offering hands-on experience in analyzing stock data and optimizing inventory processes. Proven ability to resolve discrepancies and leverage data insights to enhance operations and support decision-making. Strong problem-solving and communication skills, with a passion for applying advanced data analysis techniques to real-world challenges.

## Skills

**Programming:** Python (Pandas, NumPy, Matplotlib), SQL, R.

**Data Analysis & Visualization:** Excel (Advanced Formulas, Pivot Tables, VLOOKUP, Macros), Power BI, Tableau, Matplotlib, Seaborn.

**Data Querying:** SQL (Complex Queries, Joins, Subqueries, Aggregate Functions)

**Cloud Platforms:** AWS

**Automation & Scripting:** Python (for Automation), Excel Macros (for Repetitive Tasks)

**Reporting & Documentation:** Microsoft PowerPoint, Word (Professional Reports)

**Database:** SQL (MySQL, SQL Server)

**Data Wrangling:** Python (Pandas for Data Cleaning)

**Business Intelligence:** Power BI, Tableau (Dashboards, Data Modelling, Data Connection)

**Version Control:** Git, GitHub (Collaboration, Code Versioning)

**Statistical Analysis:** Python (SciPy), R (Statistical Computations)

**Soft Skills:** Problem-Solving, Data-Driven Decision Making, Stakeholder Communication, Cross-functional Teamwork

## Certification

Advanced Python and SQL (PRR Technologies)

Python Essential Training (LinkedIn Learning)

SQL Essential Training (LinkedIn Learning)

SQL for Data Analytics (LinkedIn Learning)

Python for Data Science (LinkedIn Learning)

## Education

**Keele University, Keele**

Master of Science, Artificial Intelligence and Data Science

**Stoke-On-Trent, England, UK**

09/2024

**Chaitanya Engineering College**

Bachelor of Technology, Computer Science Engineering

**Visakhapatnam, AP, IND**

09,2014

## Professional Experience

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### Dunelm

Logistics Data Analyst

- **Data Analysis:** Utilized **Excel, SAP, and Power BI** to analyse stock data, track inventory trends, and monitor stock movement.
- **Reporting:** Generated **daily, weekly, and monthly reports** to provide actionable insights on stock levels, discrepancies, and logistics performance.
- **Problem Solving:** Investigated and resolved **stock discrepancies** (missing/mixed stock) through data tracking and process audits.
- **Inventory Management:** Monitored and updated **stock levels in SAP**, performing regular audits to ensure data integrity and support accurate forecasting.

### NxtZen

Junior Data Analyst

- Transform raw data into structured formats for analysis.
- Create informative charts, graphs, and dashboards using Excel and Power BI.
- Write SQL queries to extract data from databases.
- Collaborate with data scientists, analysts, and business stakeholders.
- Communicate data insights to non-technical audiences.

### Unisys India Pvt Ltd

Sr. Technical Support Associate

- Gathered and analyzed client requirements to provide effective technical solutions.
- Managed detailed documentation and real-time updates in **ServiceNow**, optimizing ticket resolution processes.
- Developed a keen interest in **data analysis** through trend analysis of technical issues and performance metrics.
- Collaborated with senior teams on complex technical escalations.

### ITC Infotech Pvt Ltd

IT Executive

- Managed user accounts on **Active Directory** and resolved software and network issues.
- Utilized **HPSM** for ticket management, gaining insights from issue trends and resolution times.
- Worked with **POS** and **Birchstreet** applications, collaborating with the network team for troubleshooting.
- Used **SolarWinds** for network monitoring, which sparked an interest in analyzing data for system performance optimization.

## Projects

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- Created a SQLite database for Census-Income data and performed data analysis using SQL queries to extract insights on demographics, income, and employment trends.

- Developed a **Content-Based-Recommender-Using-Natural-Language-Processing** techniques, leveraging TF-IDF and RAKE algorithms on a curated Indian film dataset to generate personalized recommendations.
- Conducted **data analysis and visualization** on a Kaggle dataset of over 3,900 data scientist job listings using Python libraries like NumPy, Pandas, Matplotlib, and Seaborn to extract and present key insights on job attributes and trends.

## References

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Compliance Manager at Dunelm

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