

Surya Prakash Manubolu

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PROFESSIONAL SUMMARY

Data Analyst with 3+ years delivering high-impact data solutions in fast-paced EdTech environments. Skilled in designing end-to-end ETL pipelines, building dashboards, and automating reporting systems using Python, SQL, and modern BI tools. Successfully scaled data infrastructure for 25,000+ students while reducing pipeline overhead by 50% and dashboard query time by 80%.

TECHNICAL SKILLS

Programming Languages: Python

Databases: MySQL, PostgreSQL, MongoDB

Data & BI Tools: Metabase, Redash, Google Sheets, Excel

Libraries & Frameworks: SQLAlchemy, Pymongo, Masonite ORM, Pandas

Other: Data Engineering, ETL Pipelines, Git, API Integration (Google Docs API, Gmail API)

PROFESSIONAL EXPERIENCE

Data Analyst

Oct 2024 – Present

Masai School

Bangalore

- Manage end-to-end data infrastructure supporting 25,000+ active students across 50+ courses in collaboration with IITs, IIMs, and BITSOM, serving Admissions, Curriculum, Operations, and Outcomes teams with 40+ stakeholders
- Engineered comprehensive student lifecycle dashboard and 30+ Metabase dashboards using Python, providing 100% visibility into student performance metrics and improving dashboard load times by 80% for 40+ business users
- Streamlined reporting and email distribution using Google Docs API and Gmail API in Python, eliminating 20 hours of manual work weekly and enhancing stakeholder communication
- Redesigned analytics-ready database schema (ChartDB, PostgreSQL), reducing ETL pipeline count from 40+ to 20 (50% reduction) while maintaining analytical depth and improving query performance
- Developed 20 production ETL pipelines in Python processing millions of rows daily from MySQL/MongoDB to PostgreSQL, reducing dashboard query time by 80% and enabling real-time analytics

Data Analyst

Jan 2022 – Mar 2024

Gamify EduTech

Hyderabad

- Migrated admissions and engagement tracking system from local Excel to collaborative Google Sheets using Python, managing data for 10,000+ students across 8 branches and improving stakeholder visibility by 10x for branch managers and leadership
- Created automated WhatsApp messaging system using Google Sheets, Google Forms, and WATI API, enabling instant and one-click message delivery at scale for student engagement campaigns
- Processed and evaluated millions of rows of campaign data using Python and Google Sheets across 30+ traditional advertising campaigns, implementing QR code system for seamless multi-source data collection without link breakage
- Led cross-functional team of 7 (content creators, social media specialists, WordPress developer) to publish 300+ blogs, increasing website traffic by 30% and improving SEO ranking from outside top 10 to top 3

PROJECTS

Personal Food Ordering Analysis (Swiggy) | Python, Selenium, Excel, Google Sheets

2023

- Deployed web scraping solution using Selenium to extract 200+ personal orders over 2 years from Swiggy platform and examined ordering patterns with Python
- Constructed interactive dashboard in Excel/Google Sheets visualizing key metrics including most-ordered restaurants, popular items, cuisine preferences, and spending trends

Business Finance Analytics Tool (myBillBook Integration) | Python, Google Sheets, API Integration

2023

- Developed Python automation script with session-based authentication to extract inventory, expenses, and sales data from myBillBook platform
- Monitored INR 1M+ inventory across 400+ products, tracking pricing, sales trends, and profit/loss metrics in Google Sheets for real-time business performance visibility

EDUCATION

Masai School

Apr 2024 – Sep 2024

Data Analyst Bootcamp

CVR College of Engineering

2018 – 2022

Bachelor of Technology – Electronics and Communication Engineering

Hyderabad