

## SAI SATWIK STK

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### PROFESSIONAL SUMMARY

Detail-oriented Data Associate & ML Data Specialist with 1.3+ years of experience in **data analytics, ML data quality, KPI dashboards, reporting automation, and process optimization**. Delivered **98%+ accuracy across 100K+ annotated image/video frames**, improved data consistency by 20%, and automated reporting workflows, saving **25–30% manual effort**. Built KPI dashboards boosting leadership visibility by 40%. Skilled in **Python (Pandas, NumPy), SQL, Power BI, Amazon QuickSight, Advanced Excel, ETL fundamentals, AWS S3**, and workflow optimization.

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### CORE SKILLS

- **Data & Analytics:** SQL (Joins, CTEs, Window Functions), Python (Pandas, NumPy), Power BI, Amazon QuickSight, Advanced Excel, Power Query, ETL, Data Validation, RCA, Dashboard Development, Workflow Automation, S3 Dataset Management
  - **AI/ML Exposure:** Computer Vision Training Data, Image/Video Annotation, Quality Metrics for ML Models, Data Preprocessing, Python Automation for ML Pipelines
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### PROFESSIONAL EXPERIENCE

#### Amazon — Data Analyst & ML Data Associate (Data Quality & Analytics)

Hyderabad (Remote) | Mar 2025 – Oct 2025

*Nike TRON Computer Vision Project*

- Designed & automated **20+ KPI dashboards in QuickSight**, increasing leadership visibility by 40%.
- Maintained **98%+ accuracy across 100K+ annotated image/video frames** for CV models.
- Conducted RCA on labeling drifts; **reduced repeat errors by 12–18%**.
- Automated scorecards & reports using Python + Excel → **25–30% time savings**.
- Managed **dataset versioning in AWS S3** for ML retraining cycles.

#### Narwin International Inc. — Executive Business Trainee (Export/Import Ops & Reporting)

Hyderabad | Nov 2023 – Apr 2024

- Built Excel dashboards improving **report turnaround by 20%**.

- Handled export/import documentation, shipment tracking, and compliance.
  - Standardized SOPs & templates → **25% faster onboarding**.
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## FEATURED PROJECTS

### Sana — Offline Voice-Controlled AI Assistant | 2025

- Fully local AI assistant performing app launches, screen reading, and voice responses (~2–3 sec latency).
- **100% offline**, zero cloud usage, zero data leaks.
- Tech Stack: Python, Ollama, Llama3.1:8b, LLaVA, faster-whisper, pytsx3, pyautogui, Windows API
- [GitHub Repo](#)

### HF\_AD — Health & Finance Analytics Dashboard | 2025

- Interactive dashboard for health/finance datasets with predictive KPIs.
  - ML: Next-day step prediction using Linear Regression.
  - Features: CSV export, date/category filters, light/dark theme toggle
  - Tech Stack: Python (pandas, numpy, scikit-learn), Streamlit, matplotlib, seaborn, plotly
  - [GitHub Repo](#) | [Live Dashboard](#)
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## EDUCATION

- **MCA** – Andhra University, Visakhapatnam
- **B.Sc. Computer Science** – Adikavi Nannaya University, Rajahmundry