

Vinod M

DATA ANALYST · BUSINESS ANALYST

EMAIL
sanatanivinodmnayak@gmail.com

PHONE
+91 63613 19844

PORTFOLIO
vinod-ai.me

GITHUB
github.com/Vinodvinum

VENTURE
medhakshatech.in

LOCATION
Mysuru / Bengaluru (Hybrid)

25%	30%	92%	3
DATA ACCURACY IMPROVED	REPORTING EFFORT REDUCED	NER MODEL ACCURACY	LIVE PRODUCTION DASHBOARDS

SUMMARY

Data Analyst with proven impact — **25% accuracy improvement** & **30% reporting reduction**. Skilled in Python, SQL, Advanced Excel, Power BI & Streamlit. 3 live dashboards, 92% NER model. Published researcher in Computer Vision (IJIRCCE, Impact Factor 8.625). Targeting Data Analyst, Business Analyst & Analytics Internship roles.

CORE SKILLS

PROGRAMMING & ANALYTICS

Python · Pandas · NumPy · SQL · CTEs · Window Fns

VISUALIZATION & BI

Power BI · Streamlit · Plotly

EXCEL

Advanced Excel · Pivot Tables · VLOOKUP · XLOOKUP

ETL & DATA ENGINEERING

ETL Pipelines · Data Cleaning · Validation · Automation

DATABASE & WAREHOUSING

OLAP · Star Schema · Fact Tables

ADDITIONAL

EDA · KPI Design · ML · NLP · Forecasting

EDUCATION

MCA — Computer Science & Engineering
NIE, Mysuru
2022 – 2024 · CGPA: 8.12 / 10

B.Sc — CS, Mathematics & Statistics
Yuvaraja's College, Mysuru
2018 – 2021 · CGPA: 6.97 / 10

ETL · OLAP · SQL · Python · Power BI · Streamlit · Pandas · NumPy · KPI Tracking · MIS Dashboard · Data Pipelines · Data Validation · NLP · ML · Anomaly Detection · ML Forecasting · Data Warehousing · Linux · EDA · Star Schema · Medhaksha · Informatica · Talend

WORK EXPERIENCE

Data Analyst — Founding Team

Nov 2024 – Present

Medhaksha Technologies · *Bengaluru*

- Built interactive analytics dashboards using Streamlit for real-time business monitoring
- Performed data cleaning, transformation, and EDA using Python and SQL on real-world datasets
- Designed KPI tracking systems and automated reporting workflows for operational insights
- Contributed to mentoring students through hands-on data analytics projects
- Built multiple live dashboards including KPI, financial analytics, and MIS systems

Data Annotator (Data Analysis & ML Support)

Feb 2025 – Dec 2025

VisionVerse Technology · *Mysuru*

- Built Python ETL pipelines to extract, validate, transform, and load large-scale 3D LiDAR annotation datasets supporting AI training workflows
- Deployed a Streamlit KPI dashboard for real-time monitoring of team performance, annotation accuracy, and SLA compliance
- Automated WBR-style weekly reports via Python & Google Sheets API — **reduced manual reporting effort by 30%**
- Performed root cause analysis on data quality issues — **improved annotation accuracy by 25%**
- Designed KPIs: task completion rate, error rate, labeling throughput, and rework metrics
- Executed SQL validation queries for data quality audits and analytics reporting to stakeholders

Machine Learning Intern

May 2024 – Jul 2024

Qikk Automation Technology · *Koorgally*

- Prepared, cleaned, and validated NLP datasets for Named Entity Recognition (NER) model training
- Engineered an NER model achieving **92% accuracy** using structured, validated datasets
- Built a Transformer-based key-value extraction pipeline; supported AI model testing and production integration

PUBLICATION

Computer Vision Pipeline for Object Detection and Tracking With Speed Estimation

IJIRCCE — International Journal of Innovative Research in Computer and Communication Engineering · *Aug 2024*

- Published in Volume 12, Issue 8 · Impact Factor: **8.625** · Peer Reviewed · Indexed: Google Scholar, Crossref, Mendeley, DOI
- Developed real-time Computer Vision pipeline for object detection, tracking, and speed estimation using YOLOv5 & Kalman Filters

PROJECTS

GRS Fantasy Park — MIS Command Center

↗ grsdashboard.streamlit.app

Python · Streamlit · Pandas · Plotly · ML Forecasting

Multi-module MIS dashboard with revenue tracking, footfall analytics, ML demand forecasting, anomaly detection, and automated KPI reporting.

AI Financial Analytics Dashboard

↗ aifinancialdashboard.streamlit.app

Python · Pandas · Streamlit · Plotly

End-to-end financial analytics platform with ETL workflows, KPI calculations (revenue, profit margin, MoM growth), and interactive visualizations.

Operational KPI Dashboard — Production

↗ visonversedashboard.streamlit.app

Python · Streamlit · Google Sheets API

Built real-time dashboard tracking annotation KPIs: accuracy, completion rate, and SLA compliance. Automated ETL and data ingestion pipeline.

Computer Vision Pipeline

YOLOv5 · Kalman Filters · Streamlit · Pywhatkit

Real-time object detection & speed estimation pipeline achieving 95%+ precision with automated WhatsApp alert integration.