NANDHANA S

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EXPERIENCE

Data Analyst Intern May 2025 – Jun 2025
Insightsbricks.ai · Remote
- Built the **Competitor Analysis module** (Project BRIN) in Python & Streamlit; applied NLP (YAKE, KeyBERT) for keyword extraction and sentiment analysis on large-scale datasets.
- Delivered **Plotly/Matplotlib dashboards** translating competitor data into clear, stakeholder-ready business insights.

SKILLS

Languages & Tools	Python, R, SQL, C++, JavaScript, HTML/CSS, Git
Frameworks & Libraries	Pandas, NumPy, Scikit-learn, TensorFlow, Plotly, Streamlit, FastAPI, Flask, React
Technologies & Platforms	Power BI, R Shiny, PostgreSQL, MySQL, MongoDB, Oracle, Jupyter, Excel-VBA

EDUCATION

Integrated M.Sc. Data Science   2023 – Present
PSG College of Technology, Coimbatore   **CGPA: 7.80 / 10**
Coursework: Machine Learning, Statistics, DBMS, Data Structures & Algorithms, Data Visualization, Business Analytics
Activities: Finverse & Fine Arts clubs · Department Hackathons · MERN Stack Workshop · Volleyball

PROJECTS

BullionBrain – Crypto & Gold Portfolio Optimizer
Python · LSTM · TensorFlow · Dynamic Programming
LSTM forecasting on Gold & Bitcoin time-series; Dynamic Programming allocation evaluated via Sharpe ratio, backtesting, and transaction-cost constraints.

CrashIntel – Road Accident Analytics Engine
Python · PostgreSQL · Power BI · Pandas · SciPy
ETL pipeline over 90,000+ records; feature engineering & causal analysis surfacing crash risk factors via interactive Power BI dashboards.

HireMinds – AI Resume & Job Matching Platform
Python · NLP · Flask · React · Excel-VBA
NLP-powered resume parser fuzzy-matching candidates to live job listings from multiple portals; Excel-VBA automation for bulk reporting.

ChrysaNova – Gold Price Forecasting Dashboard
R · R Shiny · ARIMA/SARIMA · ETS
R Shiny dashboard for real-time gold forecasting; ARIMA/SARIMA & ETS with ADF-KPSS stationarity tests and model comparison.

StatPulse – A/B Testing & Causal Inference Framework *[In Progress]*
Python · SciPy · Pandas
Experimentation framework simulating A/B tests; computes statistical uplift, p-values & confidence intervals, auto-generates insight reports.