Tippani Hemanth
Business Analyst | Consulting (Operations & Data)

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PROFILE

Business Analyst with 3.5+ years improving reporting cadence, data quality and decision-making in energy and fintech. Strong in requirements elicitation, process mapping (As-Is/To-Be), KPI/OKR design, SODA and MCDA, and translating needs into curated datasets and self-service dashboards. Delivered c.25% faster reporting refresh by automating pipelines and standardising metrics. MSc Business Analysis & Consulting (Strathclyde, 2025) strengthens structured problem-solving and client communication.

CORE COMPETENCIES

Requirements workshops, stakeholder management, process mapping (BPMN, As-Is/To-Be), KPI/OKR design and governance, Problem Structuring Methods (SODA/PSM), MCDA, hypothesis testing and inference, regression and basic forecasting, benefits realisation and tracking, BRD/FRD, user stories and acceptance criteria, UAT and change, RAID/RACI, scenario and sensitivity analysis, Agile delivery (Scrum; Jira/Confluence), System Dynamics and discrete-event simulation.

SKILLS & TOOLS

SQL, Python (pandas), Power BI, Tableau, Excel (Power Query/Power Pivot), Visio/Lucidchart/Miro (process mapping and wireframing), SPSS (basic), Git, Azure/AWS (foundations).

EXPERIENCE

Associate System Engineer (Data & Analytics) — Samavedha IT Solution, India | 01/2021–07/2024

- Ran requirements sessions with Operations and Finance, defined KPIs and delivered self-serve dashboards (Power BI/Tableau) that improved accuracy and adoption.

- Standardised metric definitions, implemented data-quality rules (null/duplicate/type/range) with audit trails and runbooks, reduced manual errors.

- Mapped As-Is to To-Be reporting processes, clarified ownership and SLAs, removed non-value steps.

- Automated ETL/data processing (Python/SQL), increasing throughput and cutting refresh time by c.25%.

- Coordinated UAT, smoke tests and release notes, supported production triage and stakeholder communications.

Selected Projects & MSc Case Studies

Unexia — Reimagining Global Health Finance (case study) | 2025
Benchmarked UK/Sudan/DRC financing, assessed Web3/blockchain transparency, ran scenario analysis, produced a phased adoption plan (pilot to sandbox to scale) with risks and implementation steps.

Synpulse — Banking-as-a-Service Vendor Selection | 2025
Built evaluation criteria and a benchmarking matrix, performed SWOT across ClearBank, Thought Machine and Starling, weighed compliance, scalability, API coverage and time-to-market, issued a UK-fit recommendation.

Deloitte — Police Recruitment & Retention (workforce analytics) | 2025
Analysed recruitment, operational and retention issues; performed stakeholder analysis, produced data-driven insights and recommendations aligned to 2024/25 priorities.

Scottish Water — Asset Strategy for Treated Water Storage Tanks | 2025
Applied Markov/ASM deterioration modelling, produced intervention volume/expenditure profiles and a 60-year cost-optimal refurbish/replace strategy with climate-impact sensitivity testing.

Strath Union & Inspire — Entrepreneurship Awareness Survey | 2024
Designed and analysed a 44-response survey, identified awareness gaps and engagement levers, proposed communications and activation plan.

Dissertation — Future Fuel Cost at Use for Military Ships (HVO vs diesel) | 2025
Built ARIMA/ETS/CAGR forecasts with regulatory/geopolitical stress, delivered a reproducible notebook/Excel model and an executive deck, made recommendations for defence logistics planning.

EDUCATION
MSc, Business Analysis & Consulting — University of Strathclyde, UK | 2025
Coverage: Operational Research and Business Analysis, models and modelling, SODA/PSM, MCDA, statistics (visualisation, probability, inference, hypothesis testing, multivariate, SPSS), operations and service design, supply chain and inventory, project management, spreadsheet modelling and VBA, forecasting (moving average, SES, Holt-Winters; Solver), strategy modelling and scenario thinking, business simulation (System Dynamics and DES), performance measurement and management, business analytics (optimisation and AI).

B.Tech, Computer Science & Engineering — R.V.R. & J.C. College of Engineering, India

CERTIFICATION
AWS Certified Solutions Architect – Associate (2025–2028)
Microsoft Azure Fundamentals (AZ-900) (2023)

LANGUAGES
English (Fluent), Hindi (Intermediate), Telugu (Native)