Budha Sree Mandapaka
Bengaluru, India
+91 88975 08517 | budhasree.m18@gmail.com | [LinkedIn](#) | [Github](#)

Business Intelligence Analyst | Data Engineer

7+ years of experience in data analytics, business intelligence, and product quality insights. Skilled in SQL, Python, Tableau, Power BI, and data visualization. Passionate about transforming messy data into meaningful decisions across public policy, development data, and story-driven analytics.

PROFESSIONAL EXPERIENCE

Independent Data & Quality Analyst   Bengaluru | Mar 2024 - Present

– Published a **Tableau** data story visualizing **ASER** (2018–2024) reading assessment to highlight India's silent learning crisis, the impact of COVID and foundational literacy gaps.
– Created a **Power BI** dashboard that projects LFPR across age-groups, gender, regions & religions to identify inconsistencies and reinforce quality across multiple datasets.
– Built a local **SQL Express database** that integrates socio-economic datasets on education (UDISE+ and ASER), labour (LFPR) and linguistic census in India.
– Conducted data profiling, validation, and cleansing across public datasets (UDISE+, ASER, LFPR), focusing on accuracy and completeness for reporting and dashboarding.
– Diagnosed gaps in UDISE+ School Infrastructure reliability (e.g., clean water, sanitation) across 1.47 million schools using **Python** and simulated uncertainty scenarios using Monte Carlo model.
– Authored **One Nation, Two Maps** research analyzing the mismatch in District vs. PC boundaries in India through Lancet & Harvard SDG studies through **Power BI** dashboards, demonstrating the consequences of inconsistent geographic mappings.
– Built a **Sankey chart using D3.js** to reveal how school dropout reasons have narrowed and fragmented over time in India, surfacing invisible gaps and incomplete classifications in India's education data.
– Designed a **D3.js**-powered Interactive India Map visual for Language Patterns across 36 Indian states/UTs, maintaining regional consistency and avoiding redundancy in state-wise linguistic categorization.

Health & Wellbeing Break   Bengaluru | Mar 2022 - Feb 2024

– Focused on mental health recovery and rebuilding professional identity.
– Transitioned towards mission-aligned roles in healthcare, education, and public interest data work.

Civil Services Aspirant   Hyderabad | Aug 2019 - Feb 2022

– Quit IT to pursue Indian Civil Services (UPSC) with focus on Public Administration, Ethics and Governance.
– Studied Indian institutional data structures, their gaps, and reporting inconsistencies, which now inform my approach to ETL validation and public-sector data quality & governance.

Infosys Limited

Technology Analyst & Lead   Hyderabad | Jan 2019 - Oct 2019

– **Insta Award 2019** for initiatives to design & publish newsletters, creating user guides & leading projects.
– Provided **leadership** to a team of 5 members and trained them on Oracle SQL & Azure, in addition reduced on-boarding time by 85% via custom technical guides.
– Developed cross-validation scripts and business logic test cases, helping reduce data mismatches and **improving QA turnaround time**.

Business Developer & Data Quality Analyst   Sydney | Jul 2017 - Dec 2018

– **Infosys Recognition Award 2018** by **AMP** for designing & building a new Data Store by integrating both **structured** policy data & **unstructured** claims narratives, improving reporting readiness for APRA compliance.
– Automated ETL workflows using **SSIS and embedded C#** to process and clean unstructured insurance claims with inconsistent formatting.

– Built **MS Access dashboards** and user-facing interfaces to help business teams **clean and amend erroneous data** directly, improving data accuracy and transparency.
– Participated in defect triage & coordinated resolution of root cause issues across ETL modules.

Developer Programmer & Data Quality Analyst   **Sydney | Mar 2015 - Jun 2017**

– **Infosys Recognition Award 2017** by **AMP** for developing Value of Lost Business metric and resolving conflicts between Actuaries & Finance using QA test scenarios which reduced discrepancies from 12% to 0.01%.
– **PLAY Winner** for developing a completely new data model with highly scalable rule engine for Register Valuation of commissions for easier analysis & analytics using MyBI reporting.
– Identified fraudulent fee payments to advisors, which was **highly recognised by CEO**.
– Improved FATCA compliance accuracy from 60% to 99% using **SQL REGEXP** based parsing.
– Highly configurable, Metadata-driven, scalable ETL design for Net Promotor Score.

Senior Systems Engineer   **Hyderabad | Oct 2012 - Feb 2015**

– **GEM Award 2014** for delivering a complex project with intense business analysis, which minimized the projection of business loss by 30% and in addition, minimized rework by 40% ensuring compliance and data quality.
– **Power Programmer Award 2014** for my excellent programming skills as a Junior developer.
– Knowledge Transfer sessions on various Subject Areas of Client Business.

CERTIFICATIONS

– Data Analytics using AI (2025)
– Microsoft Certified Power BI Data Analyst (2024)
– AWS Certified Solutions Architect Associate (2024)
– Oracle Database SQL Certified Associate (2022)
– Oracle Cloud Infrastructure Foundations Certified Associate (2021)
– Microsoft Azure Fundamentals (2019)
– Infosys Certified SQL Professional and Agile Developer (2019)

TECHNICAL SKILLS

– **Programming Languages:** SQL, PL/SQL, Python, C#, HTML/CSS
– **Visualization & Reporting:** Tableau, Power BI, D3.js, MS Excel, MS Access, SAP BO
– **Developer Tools:** Oracle SQL Developer, MS SQL Server, SSIS, Oracle APEX, Github
– **Project Management:** JIRA, Confluence
– **Scripting:** Bash, PowerShell
– **Cloud Technology:** AWS

INDUSTRY & DOMAIN EXPERTISE

– Public Policy, Infrastructure Diagnostics, Product QA Metrics, Socio-Economic Development, Ethics
– Business Intelligence, ETL, Data Warehousing, Data Visualisation, Data Quality & Governance
– Data Migration, Profiling, Cleansing, Quality Assurance, Test Case Design & Defect Analysis
– Functional expertise in Insurance, Reinsurance, FATCA, GDPR, NPS

EDUCATION

G. Narayanamma Institute of Technology & Science, JNTUH   Telangana, India
B.Tech., Electronics and Communication Engineering   2008 – 2012

REFERENCES

Available upon request.