Pratima Prasad

+1 (623) 272-7691 | pratima.p1709@gmail.com | LinkedIn

Insight-driven data professional with experience turning complex datasets into impactful strategies using Power BI (PL-300 Certified), SQL, Excel, SAP BI tools. Proven track record of streamlining ETL workflows, enhancing reporting accuracy, leading data storytelling across sectors like utilities, logistics, and public services. Adept at bridging technical solutions with business goals to drive efficiency and informed decisions.

CERTIFICATIONS

- **Microsoft Certified: Power BI Data Analyst (PL-300) | Microsoft | June 2025**

TECHNICAL SKILLS

Data Analysis & Visualization:
Excel, SQL, Analytics [SAP BusinessObjects (BO), SAP Analytics Cloud (SAC), SAP Web Intelligence (WebI), SAP Lumira Designer],
Business Intelligence (BI) & Dashboards [Microsoft Power BI (PL-300 Certified), DAX, Google Analytics, D3.js], **Python**
Database [MySQL, PostgreSQL, SAP HANA, SAP Business Warehouse (BW), SAP Data Warehouse Cloud (DWC)]
Cloud [SAC, Amazon Web Services (AWS), Google Colab]

PROFESSIONAL EXPERIENCE

Data Analytics Consultant — *Integrated Travel — Remote (USA)*   *Jul 2025 – Present*
- Built Power BI dashboards analyzing ridership, tourism, and service gaps across proposed rail corridor.
- Modeled corridor data using SAP BI and Power BI to support stakeholder decision-making.

Business Process Consultant (Analyst) — *SAP — Philadelphia, PA (USA)*   *Jan 2023 – Mar 2023*
- Accomplished 40% efficiency boost and 30% risk reduction for 250+ clients with ETL automation and real-time reporting.
- Achieved seamless BI migration by resolving database issues, reducing reporting time by 50%.
- Shared insights through scheduled report alerts and distributions, improving stakeholder engagement.

Data Analyst — *SAP*   *Jul 2022 – Jul 2023*
- Collaborated with engineering teams to design standardized reporting templates for operational metrics across departments.
- Ensured 100% dashboard accuracy by resolving data mismatch, bugs and conversion errors, refining visual/reporting outputs.
- Consolidated end-to-end BI solutions – from market research, complex dataset modeling to recommending best practices.

Business Intelligence Developer — *SAP*   *Jun 2017 – Jun 2022*
- Lowered data latency by 30% after optimizing SQL workflows for reporting pipelines across manufacturing and logistics.
- Led 30+ hands-on workshops, upskilling 100+ business users in self-service dashboards, story filtering and ad-hoc reporting, accelerating analytics interpretation, adoption and empowering decision-making.
- Spearheaded cross-functional dashboarding initiatives across energy, utilities, and public sector domains.

KEY PROJECTS

Reporting & Management Dashboard - Government of Andhra Pradesh (APEPDCL)
- Analyzed large-scale datasets (49.7L+ consumers), enabling intelligent tracking of grid health, DTR failures, energy audits, workforce allocation, revenue trends, cost KPIs, etc. in real time leading to 40% improvement in overall business performance.
- Successfully automated an ETL pipeline to centralize operational data from various modules (FI, HR, MM, PM, PS) into SAP BW.
- Built executive-ready reports using WebI, driving data-backed decision-making for grid management and workforce planning.

SAP Analytics Cloud Development - Data Plane Front Runner
- Engineered a multi-source data pipeline that streamlined finance, workforce, and project metrics into a single interface.
- Devised role-based dashboards in SAC using live SAP S/4HANA connection and data replication through SAP DWC.
- Enabled a 40% boost in resource planning for project leads by visualizing project cost, utilization, and allocation metrics.
- Generated 1000+ datasets and 100+ test cases, following functional validation testing, achieving 98% accuracy in KPI tracking, on-demand reporting, and analytics.

Visual Analytics – Emergency Response Dashboard
- Developed an interactive D3.js dashboard to visualize 1,400+ citizen-reported incidents for emergency response.
- Preprocessed 100K+ records through data validation, transformation and standardization, handling missing data (imputation/deletion), outlier detection to account for missing, incorrect, anomalous, irrelevant and duplicate data.
- Optimized resource allocation efficiency by 80% using dynamic mapping driven by advanced visuals-choropleth, violin, stream

Reddit Dataset Processing and Query Optimization
- Simulated high-performance PostgreSQL big data ingestion for 12M+ records across tables, applying indexing and partitioning.
- Improved ingestion time by 27%, in under 100 seconds via batch optimization and SQL performance tuning.
- Applied Excel analytics for data quality checks, verifying trends and identifying anomalies in operational datasets.

AWS Serverless Video & Face Recognition
- Built a scalable, cost-efficient serverless video analytics pipeline on AWS (Lambda, S3) for face detection and recognition.
- Designed 3-tier bucket architecture, integrating FFmpeg-based key frame extraction for asynchronous processing.

EDUCATION

Master of Science (MS), Computer Science – *Arizona State University*   Tempe, Arizona (USA)

HONORS AND AWARDS

- ***Recipient of New American University Scholarship*** for academic excellence at Arizona State University
- ***Received Thank You, Keep The Promise and Honor awards at SAP*** for exceptional delivery, team leadership, and exceeding stakeholder expectations across high-impact projects.