



HARSHITH UPPU

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PROFESSIONAL SUMMARY

Experienced Business Intelligence Engineer and Power BI Specialist with 8+ years of experience delivering enterprise analytics solutions across healthcare, finance, operations, and technology. Expert in Power BI, Microsoft Fabric, Azure, Looker, SQL, and modern ETL pipelines. Skilled in designing scalable semantic models, high-performance dashboards, and KPI frameworks that improve data quality, visibility, and decision-making. Strong background in requirements gathering, data modeling, governance/RLS, and BI adoption. Known for optimizing reporting ecosystems, improving data pipelines, and collaborating across business and engineering teams.

SKILLS

- Visualization tools: Power BI, Looker, Tableau, Excel, Alteryx, Looker Studio, MicroStrategy
- Reporting tools: Microsoft Report Builder, SQL Server Reporting Service (SSRS)
- Databases: Snowflake, SQL Server (SSMS, SSAS), MongoDB, Azure SQL
- Cloud Technologies: Azure (Data Factory, Azure SQL, Azure Databricks, Azure Data Lake, Azure Storage), Microsoft Fabric (Lakehouse, Warehouse, Dataflows Gen2), AWS.
- Power Platform: Power Automate, Power Apps
- Programming languages: Python, SQL, DAX, M Language, LookML
- ETL / Data engineering & integrations: SSIS, Power BI dataflows, dbt (data build tool), Jupyter Notebooks, Alteryx, OData Integrations
- DevOps: Git / GitHub, Azure DevOps, CI/CD, automated refresh schedules, monitoring / runbooks
- Reporting integrations & ITSM: ServiceNow, Jira, Jira Service Management, SharePoint
- IDE: Visual Studio Professional, PyCharm

PROFESSIONAL EXPERIENCE

Corporate Imaging Concepts

Oct 2024 – Till Date

Power BI Specialist / Business Analyst

- Designed and deployed 40+ enterprise-grade Power BI dashboards across Sales, Finance, and Operations using advanced data modeling, optimized Power Query transformations, and complex DAX measures. Increased stakeholder visibility into KPIs, reduced manual reporting time by 60%, and enabled real-time decision-making.
- Migrated 20+ legacy SSRS reports to Power BI, rebuilding logic in DAX/M Language and improving load times by 70% and modernizing distribution through automated subscriptions.
- Partnered with cross-functional teams to gather business requirements through stakeholder meetings, translate them into wireframes, KPI definitions, and technical specifications, and deliver actionable insights aligned with strategic goals.
- Integrated SAP ERP, SQL Server, SharePoint, cloud services, CRM APIs and other enterprise sources data into Power BI models for freight, order management, and financial analytics. Reduced data reconciliation time by 40% through automated pipelines
- Developed and optimized 100+ T-SQL queries and stored procedures, improving data processing efficiency and reducing refresh failures by 50% in SQL Server Management Studio.
- Leveraged Fabric Lakehouse and Dataflows Gen2 to modernize ETL workflows, reducing latency by 35%
- Automated refresh schedules for Power BI/SSRS and optimized gateway configurations to achieve 99.9% report availability and to eliminate manual refresh dependencies.
- Conducted root-cause analysis and resolved complex data quality issues and Stabilize pipelines after system migrations.
- Implemented and maintained Row-Level Security (RLS) across multiple datasets to ensure secure, role-based access to data.
- Trained and supported 100+ business users, increasing BI self-service adoption by 45% and reducing ad-hoc report requests by 25%.
- Collaborated with IT, SAP, and business teams to align BI initiatives with organizational priorities and enterprise data governance.
- Documented and standardized BI processes and workflows that accelerated onboarding by 30% and ensured reporting continuity.
- Championed best practices in semantic modeling, visualization design, DAX optimization, and calculation groups, improving report performance and user satisfaction by 50%.
- Acted as an SME in Power BI workspace management, license provisioning, and access control, strengthening enterprise-wide BI governance.
- Optimized Power BI tenant and premium capacity in the Admin Portal, reducing capacity-related failures across workspaces.

Aroha Technologies Inc

Sep 2023 – Sep 2024

Data Engineer / Sr. Business Intelligence Engineer

- Architect 30+ enterprise BI solutions across Looker and Power BI with LookML models, Power BI semantic layers, DAX, Power Query and M Language scripts processing 5M+ rows/day from BigQuery, Snowflake, and SQL Server for 150+ users.
- Led end-to-end BI delivery from stakeholder requirements to production deployment, translating complex business needs into technical specs and dashboards with 95% acceptance, error-free validation, and zero-defect releases.
- Engineered 50+ reusable LookML views, explores, PDTs, and Power BI calculation groups using advanced SQL, Liquid templating, and DAX optimizations to enable dynamic metrics and cut maintenance by 60%.
- Built a parameterized KPI framework with 16+ dynamic KPIs and 8+ dimensional groupings, eliminating 25+ redundant reports through templated explores, field parameters, and calculation groups.
- Built and maintained end-to-end pipelines ingesting data from Snowflake, ServiceNow, Alteryx, and SharePoint, integrating direct SQL queries

and dataflows into Power BI and Looker, cutting retrieval latency by 25% and increasing ETL reliability.

- Integrated Python ETL, Jupyter Notebooks, and SQL transformations with Looker SQL Runner validation and Power BI dataflows, adding quality checks and preserving data lineage transparency.
- Optimized platform performance by 80% using Looker aggregate awareness, PDTs, datagroup caching, Power BI aggregation tables, incremental refresh, and hybrid Direct Query/Import models to achieve sub-5-second load times.
- Implemented enterprise RLS (Row-Level Security) and RBAC (Role-Based Access Control) across Looker and Power BI using user attributes, access grants, DAX filters, and workspace roles to secure access for 150+ users.
- Designed cascading filter systems with 30+ interdependent controls using Looker Liquid variables and Power BI slicer hierarchies to manage cross-filtering across dates, hierarchies, and geographies.
- Developed 15+ advanced visualizations using conditional formatting, custom HTML/CSS, complex DAX visuals with dynamic formatting (K/M/B), drill-throughs, and fiscal calendars for MoM/WoW/YoY analysis.
- Established a BI Center of Excellence with Git version control, CI/CD in Azure DevOps, dbt, coding standards, reducing onboarding time by 50%.
- Conducted 20+ requirement sessions and trained 50+ users, documenting specs, managing Agile delivery to increasing platform adoption from 40% to 85% while reducing ad-hoc requests by 70%.

Axiphyl

Jun 2023 - Aug 2023

Data Engineer/Business Intelligence Developer

- Integrated SQL Server and MongoDB data sources using ODBC connectors in Power BI, enabling analysis of 2+ million healthcare records.
- Applied Power Query for advanced data cleansing, transformation of complex healthcare datasets to ensure reporting accuracy and reliability.
- Developed actionable Power BI dashboards that transformed healthcare data into operational insights supporting patient care improvements.
- Collaborated with stakeholders to optimize data workflows and data governance including configuring Row-Level Security (RLS) in Power BI.
- Managed Power BI Gateway for seamless data connectivity and report deployment, troubleshooting issues to maintain workflow continuity.
- Leveraged Azure SQL Database and Azure Storage for scalable data ingestion and optimized reporting reliability.
- Automated workflows using Power Automate to streamline report distribution, alerting, and data refresh notifications.
- Built simple Power Apps internal forms and data entry interfaces to support operational teams and standardize healthcare data intake processes.
- Led offshore Agile/Scrum team operations, managing daily stand-ups, code reviews, testing, and timely delivery within strict SLAs.
- Scheduled and monitored report auto-refresh to guarantee availability of up-to-date data analytics.

Squad Software Inc

Jan 2023 - May 2023

Business Intelligence Developer

- Designed KPI-driven reports and dashboards using Power BI, Looker Studio, and Tableau delivering actionable insights for stakeholders.
- Managed ETL pipeline integrating data from Google Sheets, SQL Server, Redshift, and Google Analytics to ensure clean, accurate data.
- Implemented data governance and security protocols within BI tools, managing user access and data compliance.
- Administered report scheduling, automated workflows, and email distribution using Power Automate
- Built internal data submission and feedback forms using Power Apps, reducing manual reporting inputs and improving data consistency.
- Utilized Azure SQL, Azure DevOps and Storage to support cloud-based development, version control, CI/CD, and report deployment processes.
- Administered report scheduling and delivery via email, and embedded reports using URLs and embed codes to improve report accessibility.

R & B Department

May 2017 – Dec 2021

Business Analyst / Project Management Analyst

- Analyzed project workflows, budgets, schedules, and resource utilization to identify operational and recommend process improvements that enhanced project efficiency and reduced administrative overhead.
- Developed advanced Excel-based financial models and dashboards using Power Pivot, PivotTables for cost estimation, forecasting, and performance tracking across multiple concurrent projects.
- Utilized Power BI, Tableau, and Looker Studio to consolidate project data and deliver visual performance for strategic planning
- Managed project documentation, budgets, contract files, compliance documents using SharePoint and internal accounting systems
- Facilitated cross-functional communication among engineers, architects, contractors, leadership to clarify requirements, risks, and deliverables
- Created process maps, workflow diagrams, and requirements documentation to support operational clarity and standardized documentation.
- Conducted risk assessments and maintained Risks, Assumptions, Issues, Dependencies logs to support governance and proactive issue resolution

EDUCATION

Indiana Institute of Technology (Indiana Tech) - Fort Wayne, IN

Mar 2022 - May 2023

MS in Engineering Management in Information Systems

ACHIEVEMENTS

- Microsoft Certified: Fabric Analytics Engineer Associate
- Microsoft certified: Power BI Data Analyst Associate
- Google: Data Analytics Professional.
- Microsoft: Essentials in Business Analysis
- PWC Forage - Power BI Virtual Case Experience
- Microsoft Certified: Power Platform Fundamentals
- Google Professional Certificate: Project Management
- Databricks Accredited Lakehouse Fundamentals