

Abdul Wassay

BI & Analytics Specialist

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Experienced BI & Analytics Specialist with 7.5+ years in business intelligence, data analytics, and data warehousing. Expert in Power BI, Tableau, Spotfire, and other BI tools for dashboard development, data modeling, advanced reporting, and data visualization. Skilled in SQL, ETL, automation, and integrating AI-driven analytics to support business decisions and process optimization. Proven ability to lead and mentor cross-functional teams, manage large-scale analytics projects, and collaborate with stakeholders on business requirements. Proficient in geospatial analytics, data integration, project management (JIRA, GitHub), and BI platform administration, delivering scalable, efficient, and secure analytics solutions for global clients.

SKILLS

- BI & Visualization:** Power BI (DAX, Power Query, Row-Level Security, Fabric), Tableau, Spotfire, SSAS
- SQL & Data Engineering:** Oracle, SQL Server, Snowflake, query tuning, stored procedures.
- BI Administration:** User access, security, performance tuning (Power BI and Spotfire).
- ETL & Integration:** Data extraction, APIs, JSON, data warehouse optimization
- Automation & Scripting:** Python, JavaScript, IronPython, Power Automate.
- Geospatial Analytics:** Integrated geospatial data (QGIS, Custom Maps, Geospatial Analysis) in Power BI and Spotfire

PROFESSIONAL EXPERIENCE

Lead BI Developer / Software Engineer BI

May 2021 – Present

DEFTeam Solutions Pvt. Ltd., Hyderabad, India

- BI Administration:** Administered environment with security implementations, optimized SQL queries, and improved dashboard responsiveness.
- Visualization Development:** Created visualizations using Power BI DAX, enhancing analytics delivery by 20%.
- Geospatial Analytics:** Introduced advanced geospatial analytics using QGIS, enabling location-based insights for business.
- Team Leadership:** Led a BI team using JIRA to deliver scalable data models and dashboards across multiple business domains.
- AI Integration:** Integrated AI-driven analytics into BI workflows, enhancing decision-making processes and driving efficiency.
- Data Optimization:** Migrated Oracle procedures to Snowflake, reducing data processing time by 30% and improving scalability.
- Security Implementation:** Implemented row-level security in BI solutions to ensure secure data access.
- Platform Maintenance:** Monitored & resolved Power BI platform issues, ensuring minimal downtime and optimal performance.

Technology Analyst / Senior Systems Engineer

Oct 2016 – Apr 2020

Infosys Limited., Hyderabad, India

- BI Development:** Developed 200+ Spotfire dashboards with visualizations and custom expressions for diverse business needs.
- Training and Adoption:** Trained teams in Spotfire and Power BI functionality, enhancing user proficiency and adoption rates.
- ETL and Data Modeling:** Designed ETL jobs ensuring data quality and modeled data from diverse sources (relational, NoSQL, cloud, JSON, API).
- Workflow Efficiency:** Implemented ETL processes and scheduled reports for business partners, improving workflow efficiency.
- Stakeholder Collaboration:** Collaborated with cross-functional stakeholders to translate business requirements into BI solutions.

PROJECT

Business Intelligence Solutions

Developed public, operational, geospatial, and financial dashboards in Power BI, enhancing data access and real-time insights.

BI & Analytics Pipeline

Developed ETL and Power BI solutions by extracting and combining data from multiple sources (Oracle, Snowflake, APIs, SharePoint, JSON) for real-time insights

CERTIFICATIONS / LEARNING

- TIBCO Certified Professional:** Spotfire, 2022
- Prompt Engineering for AI:** Udemy, 2025
- Microsoft Power BI – The Completed Masterclass:** Udemy, 2024
- Microsoft Fabric Learning Path,** 2023

EDUCATION

B.Tech. in Computer Science & Engineering

Jul 2012 – May 2016

Dr. APJ Abdul Kalam Technical University (Uttar Pradesh Technical University, India)