DAWOOD SHAIKH
DATA ANALYST

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Work Experience

Senior Technical Assistant - *Data Analysis*
Kuwait Oil Company | September 2021 – Present

Technical Assistant - *Data Analysis*
Kuwait Oil Company | January 2011 – August 2021

- Designed, deployed and managed interactive **Power BI dashboards** (hosted on **Power BI Report Server**) to track **equipment availability, maintenance performance, and manpower utilization** across oil production facilities.
- Developed **ETL pipelines in SQL Server using SSIS** to automate data extraction from SharePoint, and Excel logs.
- Built **HSE and training compliance reports** to monitor incident trends, safety metrics, and workforce skill readiness, ensuring compliance with corporate and ISO standards.
- Created **Excel-based models** for **work order tracking**, **resource allocation**, and **preventive maintenance** scheduling.
- Partnered with operations and maintenance teams to define KPIs such as **Mean Time Between Failures (MTBF)**, **Mean Time To Repair (MTTR)**, **Equipment Availability Index** etc.
- Performed **ad-hoc analysis** on maintenance logs and **equipment performance data** to identify downtime trends and potential bottlenecks in **preventive maintenance scheduling**.

Key Projects

1. Equipment Availability & Performance Dashboard
- **Tools:** SQL Server Database, Power BI Report Server, SSIS for ETL, SSAS Tabular Model, SharePoint Files
- Designed an automated dashboard to monitor **availability, reliability, and utilization** of critical production assets.
- Integrated live maintenance and production data to calculate KPIs like **MTBF**, **MTTR**, and **Downtime by Cause**.
- Reduced manual data consolidation effort by **80%** and improved visibility into asset performance across departments.

2. Maintenance & Work Order Analytics Dashboard
- **Tools:** SQL Server Database, SSIS for ETL, Power BI Report Server
- Developed a dashboard to visualize preventive vs. corrective maintenance, backlog aging, and work order completion rates, driving **faster maintenance planning** decisions.

3. Manpower & Resource Tracking System
- **Tools:** Excel, SQL Server Database, Power BI Report hosted on Report Server
- Created models to monitor personnel deployment, training records, and cross-site workforce productivity.

4. HSE & Training Compliance Portal
- **Tools:** SharePoint Files, Power BI, SQL Server Database
- Built interactive dashboards tracking **incident frequency**, **training completion**, and **safety audit findings**, for compliance reporting.

Technical Skills

1. **BI & Data Tools:** Power BI (Desktop & Report Server), SQL Server, SSIS, SSAS (Tabular Models), Excel (Power Query, Pivot Tables), SharePoint
2. **Analytics & Engineering:** SQL, ETL Pipelines, Data Integration, Modeling, DAX, T-SQL, Report Automation, Dashboard Design, Exploratory Data Analysis & Feature Engineering (Python)
3. **Domain & Functional Expertise:** Maintenance Performance Tracking (IBM Maximo Integration), Equipment Availability Analysis, Asset Performance Tracking, Work Order & Resource Management, HSE Performance & Training Analytics
4. **Other:** Performance Optimization (Query Tuning & Indexing), Jobs Scheduling (SQL Agent), Incremental Data Loads, KPI Framework Design, User Access Control, Cross-System Data Integration, Ad-hoc Analysis, Documentation & User Training

Education

Bachelor of Commerce (Business Management) - *Goa University (India) – April 2006*
Post Graduate Diploma in Computer Applications - *CMTES Informatics Ltd, Goa (India) - January 2008*

Certificates & Professional Development

Microsoft Power BI for Business Intelligence - *UDEMY 2025*
The Complete Financial Analyst Course - *UDEMY 2025*

Strategic, detail-oriented, and highly analytical **Data Analyst with over a decade of hands-on experience** transforming complex, messy, and large-scale datasets into clear, actionable insights that drive operational excellence, optimize decision-making, and shape high-stakes business strategies across dynamic and data-driven environments.

I specialize in building **efficient data models**, **automating workflows**, and delivering **analytical solutions** that scale seamlessly across teams. I value **clarity, accuracy, and impactful storytelling,** ensuring that data insights are not only technically sound but also easily understood and trusted by stakeholders.

Looking ahead, I am passionate about advancing into **predictive analytics, machine learning, cloud platforms and modern data engineering practices**, leveraging the latest tools and techniques to unlock deeper insights, streamline decision-making, and shape data-driven strategies for the future.