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Ali Iqbal

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A dedicated business intelligence engineer with 7+ years of experience in working with senior management to drive continuous improvement & decision-making using the power of data. Proficient in analysing & translating data into insightful information. Eager to be part of a team where I can contribute directly to the success of the company.

Employment History

Business Intelligence Engineer | Zappi

Oct 21 – Present

- Evaluate, enhance, and optimize existing business intelligence infrastructure to meet business requirements.
 - Lead the implementation of Airflow (transitioning from RQ Scheduler/flask app) as the primary orchestrator for the team.
- Collaborate with cross-functional teams to understand their business needs and provided support in data collection and analysis.
 - Collaborated closely with the leadership team to identify business requirements and successfully delivered fully automated KPI reporting using Tableau.
- Engineered a dedicated infrastructure, including the development of a custom Flask application, to streamline company-wide self-serve analytics.
 - This innovative solution efficiently allocates and rotates Tableau licenses among users, eliminating the dependency on Tableau Admin interventions.
- Designing and implementing data pipelines and models, ensuring data quality and integrity. (AWS Glue, AWS AppFlow, S3, Redshift, Airflow)
- Building, maintain and optimising our data warehouse (Redshift) to support reporting and analytics.

Business Intelligence & Data Analyst Lead | AriensCo

Jan 21 – Oct

- Work with senior management in understanding current & future business needs. Explore & trial new technologies to deliver efficiency improvements and automated existing tasks.
 - Deployed Tableau (inc. server) to AriensCo for deep data analysis & report automation purposes. Fully automated key management reports.
- Work with head of departments in understanding their departmental needs and deliver business intelligent solutions using SQL & advance Excel.
 - Developed an in-house low-level MRP system using Excel & MySQL for supply chain.
- Review existing external software dependencies and build in-house tools.
 - Explored python based open software for replacement, mainly Atoti & Plotly
- Collaborate with IT manager in identifying, documenting and rectifying data discrepancies.
 - As part of understanding data flows, undertook DILOs (Day In Life Of) for major processes across the business.

Quality & Business Intelligence Manager | AriensCo

Feb 20 – Dec 20

- Work as data/business intelligence expert in the business. Understand company's data and help colleagues with analysis.
- Working directly with director of RapidCare™ in understanding his business segment needs and suggesting improvements across all roles.
 - Personally, took the initiative in documenting all the process across all positions. Laid the foundation for quality management system.
- Using the information gathered implemented improved solutions delivering hard & soft savings.

References available on request.

- Using PowerAutomate linked Wufoo & Excel to eliminate human reliance on data collection. Furthermore, automated KPI distribution using Tableau.
- Automated weekly build plan process saving £70,000 annually in hard savings.

Quality & Continuous Improvement Engineer | **AriensCo**

May 18 – Jan 20

- Maintaining, analysing and communicating the key manufacturing/product quality metrics. Identifying areas of improvement, develop and implement improvement strategies.
- Working with suppliers to improve supplier performance, developing metrics with the supply chain manager.

Continuous Improvement Engineer | **Johnson Matthey**

Apr 17 – May 18

- Lead Tableau developer for two sites. Furthermore, responsible for training colleagues on Tableau desktop.
- Responsible for delivering manufacturing excellence targets for two departments.
- Team member of side-wide transformation team. Responsible for highlighting and delivering targets with special focus on digital transformation.

Industrial Engineer | **Abbott Laboratories Ltd**

Jun 16 – Dec 16

- Performed in-depth analysis on daily production data to help identify production bottlenecks.
- Established, set and maintained process standards and the capacity book, measuring performance to plan.
- Analysed capacity requirements to achieve output, propose labour and equipment resources to achieve business plans.
- Chaired weekly yield meetings guiding cross functional team to make improvements and increase yields.

Industrial Engineer Intern | **Schneider Electric**

Aug 14 – Aug 15

- Lead the site-wide digital transformation project. Got selected for the best project of the year. Delivered annual savings of £25,000.
- Conducted work measurement/method studies against new and existing tasks to establish time estimates, measure operator performance and ensure that the most effective manufacturing and assembly techniques are adopted.
- Lead and implemented projects that improved the layout of work areas, tool design and source cost effective external services with the overall aim of improving labour productivity.
- Worked with other teams on site to implement lean manufacturing principles to recognise improvements.

Freelance Consulting

Over the years I have also provided business intelligence/data engineering consulting to following brands.

- Attewell Ltd (Part of Avantis Aerospace)
- Aviva Insurance
- Attest
- Royal National Orthopaedic Hospital (RNOH)

Prior Experiences

Industrial Engineer Intern | **Schneider Electric**

Aug 14 – Aug 15

Engineering Intern | **Foreman Roberts**

May 12

Summer Intern | **Royal Bank of Scotland**

Sep 19

References available on request.