

## Contact

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(LinkedIn)

## Top Skills

Microsoft Power Apps

Flask

SQL Server Integration Services  
(SSIS)

## Languages

Farsi (Native or Bilingual)

Azari (Native or Bilingual)

English (Full Professional)

## Certifications

Business Metrics for Data-Driven  
Companies

Cert Prep: Excel 2016 Microsoft  
Office Expert (77-728)

CS50's Web Programming with  
Python and JavaScript

# Mahdi Salem

Leader, Data Engineer and PBI Developer  
Toronto, Ontario, Canada

## Summary

A Creative Data and Process analyst professional with more than 15 years of versatile experience in Manufacturing and Service industries. Highly Advanced Excel and VBA mastery with the ability to develop user-friendly and adaptive applications.

- Initiating and Leading Several Process improvement projects with remarkable results.
- Developed Several Integrated Reporting Applications which made Advanced multi sourced reporting possible while producing reports was quick and reliable. (filling lack or gaps of ERP and BI systems)
- Developed a genuine Production Tracking application from scratch.
- Re-engineered and Developed several new collaborative working systems, supported by some applications, which increased the visibility and productivity of the processes by 40%.

## HIGHLIGHTS OF PROFESSIONAL QUALIFICATIONS

- Superior and versatile Project Management and Process Improvement Experience.
- Excellent computer skills, with ability to develop needful tailor made applications (PowerApps, VBA, Python and ...)
- Known as Software champion of SAP, Oracle, ClickView, PowerBI, tableau, SQL ,...
- Demonstrated quantitative and analytical skills with strong attention to details
- Ability to work under pressure and in a fast-paced environment
- Self sufficient, while Team player and a good communicator

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## Experience

Bombardier Aerospace

Lead Data Engineer and PBI Developer

August 2018 - Present (7 years 7 months)

Mississauga, Ontario, Canada

- Developed over 100 Reports, Dashboard and Solutions for PowerBi and PowerApps.
- Developed Templated samples and mock-up Reports under BOE initiative (Excellence).
- Developed Dynamic and efficient Reporting dashboards using advanced analytics and business intelligence techniques to perform high-quality analysis in support of Production Andon teams, Quality assurance initiatives and PMO mandates.
- Designed, Developed, and implemented Lots of SSIS jobs for the sake of optimization and accuracy on a multi-factory multi country enterprise level.
- Integrated Data Lake, Azure Portal Service, and other accessible resources to optimize the premium capacity management and usage.
- Took initiative to build a data quality KPI to improve data integrity among the SAP, MES, and other systems for OSW teams.
- Developed a web-based attendance system with a separate dashboard for admins and supervisors using Python, Django, JavaScript, jQuery, and SQL for the OSW team.
- Developed more than 10 gap-filling VBA solutions/applications to streamline and coordinate different teams by automating lots of tasks and communication channels.
- Developed automated reports to give daily all-view, single-view visions to top management regarding overall daily/ weekly progress and each Aircraft's adherence to the plans.

Triumph Group  
 Senior Data and Process Analyst  
 July 2018 - August 2018 (2 months)  
 Toronto, Canada Area

Developing the Quick and Gap-filling solutions for Automating OSW Jobs and needs.

\*\* Developed a VBA App and automated the Process of Generating CLC charts which reduced the needed time of this operation from an average of 3 hours to 2 minutes!

\*\* Analysis of the current procedure and processes and providing productive solutions.

AAA Canada | Aerospace and Transportation  
 1 year 11 months  
 Process Improvement Lead  
 December 2017 - June 2018 (7 months)

#### Toronto, Canada Area

Developed Automated Reporting and Dashboard Application which reduced the average time of reporting by 200% and Highly increased the accuracy of the DMM reports.

Developed Manpower Mapping application, which increased the visibility and traceability of touch and non touch labor activities on the shop floor for decreasing the idle production time.

Developed Line Logistic Cage application to show and track the status of each job Kit and workability of each job after each punch out.

Developed an RNC reporting tool which can provide all the reports in just 3 minutes! Significantly Reduced the time needed for the report generation and increased the quality of the report.

#### Senior Logistics Lead

August 2016 - December 2017 (1 year 5 months)

#### Toronto, Canada Area

I proudly was able to:

- \* Shared the full visibility of kit status for readiness planning by developing a software and supporting system.
- \* Successfully developed and maintained a fully integrated database of all the requirements as per scope of work, over-issue requests and RNC/SNC requests.
- \* Developed a productive relation based on trust and friendship between all related parties including Supply Logistics, OSW supports, FAL, Indirects partners and ETC...

By fulfilling my duties like:

- Analyzed the requirements, resources, and production plans to ensure about streamlined logistic support for the plan
- Analyzed the changes and production discrepancies and provided corrective support and suggestions
- Ordered the requirements and followed up of the shortages from the principal vendor and supply logistic
- Managed the inventory material, products, tools and parts with SAP
- Managed the relationship between internal clients and buyers
- Coordinated the operations at multidisciplinary team meetings
- provided periodical reports of part/ hardware shortage and upcoming deliveries.

## Anjaz Group

### Logistics Lead

August 2015 - July 2016 (1 year)

Toronto, Canada Area

- Reduced cost of purchase and also extended pay back periods by constantly watching the market trends and finding the opportunities among the ongoing competition between suppliers by successful negotiations!
- Coordinated with the suppliers as per our requirements and followed them up for resolving all discrepancies and compliance issues.
- Developed logistics contingency plans of parts and equipment to enable effective execution of logistic plans
- Received and Documented customer complaint and implementing corrective actions
- Coordinated with Authorized Service Providers (ASP) on daily requirement and orders
- Assisted ASPs in identifying and selecting emergency supplies and equipment according to supply procedures and procurement specifications

## Persia Oil and Gas Drilling Co. of Qeshm

### Director, Systems and Methods Development

November 2013 - April 2015 (1 year 6 months)

Tehran Province, Iran

- Rewarded as most suitable and lean organizational chart designer among the Iran drilling companies.
- Developed a master documentation and process map of the company from the scratch, aligned with the company's strategy and competitive position, helping the company to rapidly get into his first drilling project in just 3 months.
- Initiated project study of general and specific methods for performing work activities which contributed to increased company efficiency and productivity by 15% upon the external audit.
- Performed comprehensive business process analysis for developing and implementing an integrated systems of organizational policies, systems and procedure as requisition of Managerial Quality & HSEMS Systems.

## Oil Exploration Operation Company

2 years 2 months

### VP, Marketing and International Affairs

April 2013 - November 2013 (8 months)

Tehran Province, Iran

- \* Promoted Marketing Departments as a key player in Bidding efforts by changing his role to what that should be.
- \* Implemented 5 improvement projects in the marketing department.
- \* Enhanced Companies image and credit among the customers and regulatory bodies.

#### Manager, System and Method Engineering and Organizational transformation

October 2011 - April 2013 (1 year 7 months)

Tehran Province, Iran

- \* Promoted to VP level after being highly successful in this position!
- \* Successfully Initiated 31 process improvement project after 1 month and provided lots of flawless and lean updated procedures and documentation templates.
- \* Revised and developed a new competitive and market-oriented strategy and supervised its implementation projects.
- \* Managed the downsizing project of the company under three steps.

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## Education

### Duke University

Analytic Techniques for Business, Business Analytics · (2016 - 2016)

### Allameh Tabataba'i University

Master's Degree, Business Managament, Internationbal Marketing · (1999 - 2003)

### Allameh Tabataba'i University

Bachelor of Management, Business Administration and Management, General · (1996 - 1999)