

SEPEHR MEHRVAR

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OBJECTIVE

Systems-oriented analytical professional with a background in Industrial Engineering and over a decade of experience in data analytics, process optimization, and educational systems. Passionate about structured, data-driven problem-solving that connects analysis with real-world impact. Currently focused on artificial intelligence and supply chain optimization, combining industrial-engineering principles with machine-learning techniques to build intelligent systems that make decisions faster, more accurate, and more sustainable.

Core Skills

- Data Analysis & Visualization (Python, Pandas, Power BI, Excel)
 - Supply Chain & Operations Optimization
 - Machine Learning Foundations (Forecasting, Modeling, Automation)
 - KPI Design & Performance Measurement
 - Process Flow Analysis & System Modeling
 - Multi-Criteria Decision Making (AHP, MCDM)
 - HR & Educational Analytics
 - Simulation & Process Improvement
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Freelance Data Analyst

Self-employed | Ottawa | 01/2022 – now

- Designed and delivered data-driven decision systems for education and small-business operations using Python, Excel, and KPI frameworks.
- Built demand-forecasting, performance, and workflow models turning operational data into actionable insights.
- Developed AI-assisted analytics pipelines (forecasting, anomaly detection, performance scoring) to support supply-chain and human-centered decision-making.
- Created interactive dashboards and analytical reports to monitor productivity and operational efficiency.
- Currently focusing on integrating Industrial Engineering with Machine Learning to create intelligent systems that improve logistics and operational decisions.

Founder – Dr. AMOOZESH

CEO | Ottawa | 03/2020 – 02/2021

- Founded and led an educational-analytics unit serving private schools and learning centers.
- Designed data-based performance-tracking and productivity systems using structured KPIs.
- Built institutional decision frameworks for academic planning and resource allocation.
- Implemented process improvements that enhanced transparency and measurable outcomes.

HR Analytics Manager

Kanoon Farhangi Amoozesh Ghalamchi | Arak | 06/2011 – 02/2020

- Developed KPI-based people-analytics frameworks connecting employee engagement, workload, and results.
- Analyzed behavioral and productivity data to identify bottlenecks and inefficiencies.
- Created reporting systems for leadership to monitor utilization, teaching quality, and capacity.
- Linked human-capital metrics with financial and academic outcomes for strategic planning.

Operations & Supply Chain Analyst

Kanoon Farhangi Amoozesh Ghalamchi | Arak | 03/2015 – 01/2016

- Designed and implemented data-driven inventory and logistics systems across multiple bookstores.
- Applied process-flow analysis, waste reduction, and optimization models to improve fulfillment efficiency.
- Achieved approximately 53 % improvement in operational profitability through system-level redesign.

Physics Instructor

Kanoon Farhangi Amoozesh Ghalamchi | Various Cities | 05/2012 – 05/2019

- Taught physics and authored **five educational textbooks**.
- Developed structured learning programs and online teaching materials.
- Used assessment data to refine curriculum and improve learning outcomes.

Senior Academic Advisor

Kanoon Farhangi Amoozesh Ghalamchi | Arak | 06/2009 – 04/2011

- Built multi-criteria decision models (AHP) to support academic planning and advising.
- Utilized MS Project and scheduling optimization to improve study plans and resource use.
- Introduced measurable, data-based systems replacing intuition-driven advising.

Education

Bachelor of Science in Industrial Engineering
Azad University| Arak | 09/2008 - 08/2012

Projects & Publications

- Authored **five textbooks** in physics and education (2012 – 2020).
 - Served as **Editor-in-Chief** of *Rahyافت Journal*, Industrial Engineering Association.
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Languages

English – Professional Proficiency | Persian – Native

Professional Interests

- Artificial Intelligence in Operations
- Supply Chain Optimization
- Decision Intelligence
- Systems Engineering
- Data-Driven Education