

**Assist. Prof. Dr. Merve Şahin**  
Ibn Haldun University, School of Business  
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## **ACADEMIC APPOINTMENTS**

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2023 - present	Assistant Professor, Ibn Haldun University
2022 - 2022	Lecturer, Istanbul Sabahattin Zaim University
2018 - 2020	Lecturer, Istanbul Sabahattin Zaim University
2015 - 2016	Researcher, University of Miami

## **EDUCATION**

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2018 - 2019	M.Sc II, WorldQuant University, Financial Engineering
2011 - 2017	PhD, Yıldız Technical University, Industrial Engineering
2015 - 2016	Researcher, University of Miami, Industrial Engineering
2011 - 2011	Researcher, University of Salford, Operations Research and Applied Statistics
2008 - 2011	M.Sc, Istanbul University, Industrial Engineering
2004 - 2008	B.Sc, Uludağ University, Industrial Engineering

## **ADMINISTRATIVE APPOINTMENTS**

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2023 – present	Program Coordinator, Ibn Haldun University, Department of Big Data and Business Analytics
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## **PUBLICATIONS**

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### **Books and Book Chapters**

- Sahin M, Eldemir F. (2018). Q-R Policy Application for Non-Smooth Demand in Aviation Industry, Industrial Engineering in the Industry 4.0 Era, Springer International Publishing, 159-171.

### **Academic Publications in Peer-Reviewed Journals**

- Sahin M, Eldemir F., Turkyılmaz A. (2021). Inventory Cost Minimization of Spare Parts in Aviation Industry: Turkish Airlines Technic Case, Transportation Research Procedia, 59, 29–37.
- Kaya G., Sahin M., Demirel F. (2020). Intermittent Demand Forecasting: A Guideline for Method Selection, Sadhana academy proceedings in Engineering Sciences, Springer India, 1-7.
- Sahin M., Kızılaslan R., Demirel F. (2013). Forecasting Aviation Spare Parts Demand Using Croston Based Methods and Artificial Neural Networks, Journal of Economic and Social Research.

### **Conference Papers and Speeches**

- Şahin M., Eldemir F. (2017). Kesikli Talebi Parametrik Olmayan Yaklaşımlar ile Tahmin Ederek Envanter Maliyetlerini Karşılaştırma, 37. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, İstanbul.
- Sahin M., Demirel OF, Kızılaslan R. (2011). Forecasting intermittent demand with neural networks, International Symposium on Computing in Science & Engineering, İzmir, Turkey.
- Eldemir F., Sahin M. (2008). Decision Making Techniques in Disaster Management, Chemical, Biologic, Radiologic and Nuclear Congress, Istanbul, CBRN08.

## **PROJECTS**

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2021	Miles&Smiles CRM Projects, Turkish Airlines
2019	Financial Risk Management Systems, Turkish Airlines
2017	Cargo Material Handling Systems Project, Turkish Airlines
2012	Automated Purchase Order System Development in Turkish Technic
2008	Modelling of Evacuation of Istanbul against to possible chemical, biological, radioactive and nuclear threats, University Research Project Fund

## **NON-UNIVERSITY EXPERIENCE**

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2014 – 2022	Project Manager & Business Analyst, Turkish Airlines Technology
2012 – 2014	R&D Projects Coordination, Turkish Technic

## **GRANTS / AWARDS**

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2015 – 2016	TUBITAK 2214/A Scholarship
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## **MEMBERSHIPS**

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Editorial Board Bilingual Publishing Co, Macro Management & Public Policies (EISSN:2661-3360)

## **LANGUAGES**

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**Turkish:** Native

**English:** Fluent