

Ayşe KELEŞ

PERSONAL INFORMATION

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| Address | Turkiye Ministry Of Health, Bilkent yerleşkesi , Üniversiteler mah. Dumlupınar bulvarı 6001. Cad. No:9 Çankaya/Ankara, TURKIYE 06800 |
| Email | ayse.keles@saglik.gov.tr ; ayseinan@gmail.com |
| Webpage | https://ayseinan.github.io |

EDUCATION

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|------------------|---|
| December 2022 | PhD in Computer Science, Ankara Yildirim Beyazit University, Graduate School of Natural Sciences, Turkiye (Title: Cerebrospinal Fluid Flow Segmentation And Feature Extraction Of Phase Contrast Mri Using Deep Learning Technique) |
| July 2017 | MSc in Computer Science, Ankara Yildirim Beyazit University, Graduate School of Natural Sciences (Thesis: The Clustering Of Public Hospitals For The Productivity Scorecard Application) |
| June 2005 | BSc in Computer Science (Ranking: 2 nd /300) Baskent University, Ankara, Turkiye (Dissertation: Text Searching Using Decision Trees) |

WORK EXPERIENCE

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| 2020 - --- | Software Project Manager Health Institutes of Turkiye (TUSEB) Centers of Excellence Program, TuskaNET |
| 2020 | Technical advisor Ministry of Health, General Directorate of Public Health Central Covid Laboratory – Development of Technical Infrastructure |
| 2017 - 2020 | Software Project Manager, Data Analyst Ministry of Health, General Directorate of Health Information Systems EKOBIS Project |
| 2012 - 2017 | Data Analyst, PL-SQL Developer Ministry of Health, General Directorate of Turkish Public Hospitals Development and Data Analysis of the National Productivity Scorecard Application |
| 2007 – 2011 | Decision Support Systems Specialist, PL-SQL Developer Ministry of Health, General Directorate of Health Information Systems Database and Decision Support Systems Department, E-Nabız (SaglikNet) Project |
| 2005 - 2007 | Data Analyst Ministry of Health, Provincial Health Department Information Processing and Statistics Branch Office |

PROJECTS

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| 2017-2019 | Project: Fee-for-Service Information System Position: <u>Project Manager</u> Owner: Ministry of Health, General Directorate of Turkish Public Hospitals |
| 2007- 2017 | Project: ENabız (National Health System) Position: <u>Decision Support Systems Specialist, PL-SQL Developer</u> Owner: Ministry of Health, General Directorate of Health Information Systems |
| 2021-2022 | Project: Centers of Excellence Program Position: <u>Project Software Manager</u> Owner: Health Institutes of Turkiye (TUSEB) |

TECHNICAL SKILLS

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| Programming Languages | Java, Matlab, Python, PHP, HTML |
| DBMS | Oracle, MSSQL, PostgreSQL, MongoDB, Neo4j |
| Extended SQL | PL/SQL, MSSQL |

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| 3D Modelling | 3D Slicer, Abaqus(Basic) |
| BI Tools | Oracle BI, Power BI, Datazen |
| Data Mining Tools | Weka, R, Python |
| IDEs | Eclipse, PyCharm |
| Deep Learning | Tensor Flow |

TEACHING PORTFOLIO

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|-------------|---|
| 2018 - 2019 | Database Management Systems |
| Fall | AYBU – Faculty of Engineering and Natural Sciences |
| 2019 | Big Data Analytics |
| Spring | AYBU – Faculty of Engineering and Natural Sciences |
| 2022 – 2023 | Information Systems in Healthcare |
| Fall | Faculty Of Health Sciences |
| 2022 – 2023 | Technology Management in Health Institutions |
| Fall | AYBU – Faculty Of Health Sciences |

PUBLICATIONS

Journals

1. Keles,A., Algin, O., Ozisik, PA., Sen, B., Celebi, FV., Segmentation of Spinal Subarachnoid Lumen with 3D Attention U-Net, Journal of Mechanics in Medicine and Biology, <https://doi.org/10.1142/S0219519423400110>
2. Algin, O., Keles, A. & Oto, C. (2022). Cerebrovascular modelling for the management of aneurysm embolization using an intrasaccular flow diverter made by 3D printing. Polish Journal of Radiology, 87(1), 557-562. <https://doi.org/10.5114/pjr.2022.120520>
3. Kavak, D. , Beylik, U. , Keleş, A. & Çizmecı Şenel, F. (2022). Evaluation of the Social Perception about Coronavirus Pandemic in Türkiye by using Data Mining . Journal of Basic and Clinical Health Sciences , 6 (3) , 891-902 . DOI: 10.30621/jbachs.1127926

Refereed Conferences

1. Güldemir, D., Keles, A., Sengil, A.Z., Sözlü Bildiri, İnfluenza virüslerinde Derin öğrenme metotları ile mutasyon tahmini yapılabilir mi?, 11. Uluslararası Moleküler ve Tanısal Mikrobiyoloji Kongresi, 2022/11, Antalya, Türkiye
2. Keleş, A., Sözlü Bildiri, “K-Means kümeleme Algoritması ile Kamu Hastanelerinin Kümelenmesi”, Uluslararası Sağlıkta Performans ve Kalite Kongresi, 2018, Antalya.
3. Yıldız, U., Keleş, A., Conference Paper, “Building a National Clinical Data Warehouse”, Fourth International Conference on Telecommunications and Remote Sensing, 2015, Rhodes, Greece.

Book Chapters

1. **Keleş, A.**, İşlek, E., Beylik, U. Bölüm 13 Sağlık Hizmetleri Faturalandırma Süreçlerinde Sağlık Bilgi Sistemlerinin Önemi. Editör Elif Dikmetaş Yardan. Sağlık Bilgi Sistemleri. 1. Baskı. Nobel Yayıncılık, Ankara. 2022. ss.215-230.