Dr. Osamah Mahdi's Publications

A. Journal papers (published/ in press, ordered according to the impact factor):

1. **Mahdi, O.A.,** Pardede, E. and Ali, N., 2021. A hybrid block-based ensemble framework for the multi-class problem to react to different types of drifts. Cluster Computing, pp.1-14. Q2, Impact Factor: 2.303.
2. **Mahdi, O.A.**, Pardede, E., Ali, N. and Cao, J., (2020). Diversity measure as a new drift detection method in data streaming. Knowledge-Based Systems, 191, p.105227. **Q1, Impact Factor: 8.139**.
3. **Mahdi, O.A.,** Pardede, E., Ali, N. and Cao, J., 2020. Fast reaction to sudden concept drift in the absence of class labels. Applied Sciences, 10(2), p.606. **Q2, Impact Factor: 2.842**.
4. **Mehdi, O.A.,** Ibrahim, H., Affendey, S.L., Pardede, E. and Cao, J., 2018. Exploring instances for matching heterogeneous database schemas utilizing google similarity and regular expression. Computer Science and Information Systems, 15(2), pp.295-320. **Q2, Impact Factor: 1.354**.
5. **Mehdi, O.A.,** Ibrahim, H. and Affendey, L.S., 2017. An approach for instance based schema matching with google similarity and regular expression. Int. Arab J. Inf. Technol., 14(5), pp.755-763. **Q2, Impact Factor: 0.742.**

B. Conference Proceedings:

1. **Mahdi, O.A.,** Pardede, E. and Ali, N., 2021. KAPPA as Drift Detector in Data Stream Mining. Procedia Computer Science, 184, pp.314-321.
2. **Mahdi, O.A.,** Pardede, E. and Cao, J., 2018, January. Combination of information entropy and ensemble classification for detecting concept drift in data stream. In Proceedings of the Australasian Computer Science Week Multiconference (pp. 1-5).
3. **Mehdi, O.A.,** Ibrahim, H. and Affendey, L.S., 2014, August. Instance Based Schema Matching Framework Utilizing Google Similarity and Regular Expression. In DATA (pp. 213-222).
4. **Mehdi, O.A.,** Ibrahim, H. and Affendey, L.S., 2012. Instance based matching using regular expression. Procedia Computer Science, 10, pp.688-695.