

Dear Editors,

On behalf of my co-authors, I am pleased to submit our manuscript entitled
“Multi-Agent AI Framework for Automated Corporate Data Enrichment”
for consideration for publication in *IEEE Access*.

This manuscript presents a novel multi-agent artificial intelligence framework designed to automate the transformation of raw company identifiers into structured business intelligence profiles. The proposed system integrates large language models, autonomous web data extraction, structured data synthesis, and a reflection-based mechanism for quality assurance.

Key contributions of our work include:

- The design and implementation of a scalable multi-agent architecture for automated corporate data enrichment.
- A hierarchical relationship discovery module for accurate mapping of parent–subsidiary structures within corporate networks.
- A reflection mechanism that iteratively improves data reliability and output quality.
- Empirical evaluation on a dataset of 400 companies across Turkish and global markets, demonstrating the framework’s practical scalability and its ability to capture complex organizational structures.

We believe this work aligns well with the interdisciplinary and application-oriented scope of *IEEE Access*, particularly at the intersection of artificial intelligence, information systems, and business intelligence. The proposed framework addresses the growing demand for scalable, intelligent systems capable of managing and interpreting complex socio-technical data in real-world environments.

This manuscript is original and is not under consideration elsewhere. All authors have approved its submission to *IEEE Access*, and there are no conflicts of interest to declare.

Thank you for considering our work. We look forward to the opportunity to contribute to *IEEE Access*.

Sincerely,

Doga Yagmur Yilmaz

(On behalf of all co-authors)