Name: Nilay Kamar

**Case Presentation Evaluation Form**

Date: 26.08.2020

Speaker: Mevlüt Serdar

Topic: Optical character recognition in Turkish documents using R

*Please rate the presentation on the following scale:*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Area*** | **Excellent** | **Very Good** | **Good** | **Fair** | **Poor** |
| Overall Content | **5** | 4 | 3 | 2 | 1 |
| Quality of Presentation | **5** | 4 | 3 | 2 | 1 |
| Quality of Audiovisual Aids | **5** | 4 | 3 | 2 | 1 |
| Relevance to Practice | **5** | 4 | 3 | 2 | 1 |

*1. Summarize the most important points of the presentation.*

Mr. Serdar started the session with a short brief of the highlighted subjects planned to be explained. It was explained the difference between OCR and ICR, and today, indicated both of them are named as OCR with the usage of Deep Learning. He said the main objective of the session that to gain a perspective of problems to solve with OCR and obtain know-how about OCR in business life. I think that he achieved this goal at the end of the session in my view. Mr. Serdar especially stated that it is not over the task after applying OCR, it should be processed after scanning and identifying words/characters. The examples of the usage of OCR and NLP together were discussed. To give an example, fraud detection in accidents can be understood from accident reports and the network between parties. Mr. Serdar also told the usage area of their product (KUDAB), and how to scan, understand, and classify documents analytically. He stated KUDAB has been found out from the needs for finding official documents properly and fastly in technocities. He also stated that KUDAB also classifies incoming documents and assigns them to the related department to examined and answer. ıt has explained the logic behind the OCR in KUDAB, for example, it should be found in which to be scanned after understood the layout of the document. It was shown the challenging issues of preprocessing in OCR such as noisy, weak, and crumpled documents. Furthermore, the evaluation metrics of KUDAB were discussed. finally, the session was ended with an R application of OCR using tesseract library.

*2. What did you learn from this presentation that you did not know before?*

I did not know OCR can be used for fraud detection in insurance companies so much.

*3. Other comments/suggestions:*

I can say this course was very helpful for me in obtaining a different point of view from machine learning. All sessions were better from each other, and I have been learned lots of things so interesting. Thank you for your effort to enhance sessions, I am sure it is not different from face to face sessions.