Arda Kosar

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Senior Data Scientist

Statistical Modeling	**Natural Language Processing**
Machine Learning	**Data Visualization**
Statistical Analysis	**Data Mining**

Degrees: **MBA,** Business Administration, Sabanci University (2015)
B.Sc., Mechatronics Engineering Sabanci University (2011)

Languages: Turkish, English
Industries: Advertising, Marketing

TECHNOLOGIES

Python	Docker	Microsoft Azure	SQL
R	Kubernetes	Bash	MongoDB
Shiny	Scikit-Learn	Flask	

WORK HISTORY

Senior Data Scientist, Publicis Groupe, New York City   **(2016-Present)**

● Managed and improved Data Science teams CI/CD pipeline for data scraping and storage. Used Azure kubernetes-as-a-service for web scraping in parallel which decreased time to completion from ~5 days to ~1 day
● Used Python to automate processing and merging 1000s of csv files. Decreased 8-20 hours/week of unnecessary labor for teammates
● Deployed a multi-label classification model for classifying long-form texts, using scikit-learn, achieved %70 accuracy among 1400 paragraphs.

- Created a methodology and designed the algorithm for identifying and mapping spheres of influence within social media networks which generated more than $500k/year sales
- Built interactive web application, using R and the Shiny web framework, to integrate behavioral science with Data Science for strategic and creative testing which generated more than $200k/year.
- Analyzed MySQL data with R and used ggplot visualization framework to deliver insightful visualizations to stakeholders.

EDUCATION

MBA, Business Administration, Sabanci University   **(2015)**
Bachelor of Science, Mechatronics Engineering, Sabanci University   **(2011)**

ADDITIONAL EXPERIENCE

➢ **Certifications**

Clinical Data Science, University of Colorado (Coursera)   **(On-going)**
Statistics with R, Duke University (Coursera)   **(On-going)**
Data Scientist, New York City Data Science Academy   **(2016)**

➢ **Open Source Contributions**

 Kubeflow - https://github.com/kubeflow/kubeflow/pull/710
 Pandas - https://github.com/pandas-dev/pandas/pull/27716
 Abagen - https://github.com/rmarkello/abagen/pull/62

➢ **Volunteering**

Data Scientist, DataKind, New York City   **(2018-Present)**

➢ **Unrelated Work Experience**

Bass Player, Tacoma Narrows Band, New York City   **(2016-2019)**
- Recorded two studio albums
- Did two tours along the East Coast, played at multiple important domestic and local venues