SERDAR DINDAS

Data Scientist (MSc in Statistics)

Data Scientist with strong statistical background and programming enthusiast. Build models with machine learning algorithms. Extract, transform and create workflows for reproducible reports. Develop web application for quick descriptive analyses. Like to learn different programming languages, applications and methodologies for self-improvement.

🏛 EDUCATION

2011

Hacettepe University
B.S. in Statistics   📍 Ankara, Turkey

2018

University of Chinese Academy of Sciences
M.S. in Statistics   📍 Ankara, Turkey

Thesis: Examine, "Non-Parametric Estimation In Regression Discontinuity Design", Regression discontinuity method, which is one of the semi-experimental impact assessment methods in which control group and effect group could not be determined before the experiment. Regression discontinuity design has allowed to examine the incumbency advantage in elections

💼 WORK EXPERIENCE

2012
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Present

Scientific Programs Expert
The Scientific and Technological Research Council of Turkey
📍 Ankara, Turkey

- Creating reports for board members using business intelligence tools (mostly Oracle BI), programming RMarkdown make these reports autonomous
- Develop web applications with dashboards with the RShiny package tool in order to create quick and explanatory ideas from the datasets obtained by associating the data received from stakeholders with the database.
- *Project:* Use neural network and decision trees, model the relationship between refree reviews and board assessments to develop decision support system for project evaluation process. This model predict finding approved or rejected projects with an 88% success rate. This study helped to significantly reduce the time in project evaluation processes.

CONTACT INFO

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SKILLS

‹/› SKILLS

Statistical/Machine Learning Algorithms

• Logistic Regression, Decision Trees, Neural Network, Clustring Analysis

Programming Languages /Libraries

R Programming

• Dplyr, Tidyr, Stringr for Data Manipulation
• GGplot, Plotly, Highcharts for Data Visualization
• Tidymodels, Tidytext for Machine Learning and NLP Projects
• Rmarkdown for Reporting, Rshiny for Applications

Python

• Pandas, Numpy for Data Manipulation
• Matplotlib for Data Visulation
• Scikit-Learn for Machine Learning Projects

Database Systems / BI Tools
Relational Database Systems
• MYSQL and PostgreSQL
• Oracle BI Enterprise 11g

Version Control

• Git/Github

🔤 LANGUAGE

English
IELTS 6.5

Deutsch
Level A2