

Dr. Seyma Robb

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WORK EXPERIENCE

Aetna- Data Analyst, Data Science 2020 – Present

January

- Spearheaded and has been project-managing a new initiative in collaboration with other departments resulting in \$6m in revenue in the first year and has been converted into a permanent program with independent financial goals.
- Decreased provider behavior-based waste by 12% by A/B testing different provider outreach scenarios.
- Applied linear regression, ANOVA, time-series analysis, classification and segmentation models, decision tree models on unstructured and structured data.
- Implemented various time series forecasting techniques to predict surges in drug prescriptions, helping 4 new concepts being deployed through these findings, bringing over \$3m in revenue.
- Trained team members in data environment of the company and coding in SQL and worked as a technical interviewer for new Data Scientist positions.

Computech- Data Analyst

September 2019 – January 2020

- Worked at Aetna (client) to solve problems in healthcare insurance industry to increase profitability with data analytics and statistics in a newly established team.
- Created standardized queries and summaries to retrieve and analyze large scale data using Hive SQL, thus reducing the cycle time for new concepts 15% and made it possible for non-technical team members to pull their own data.
- Collaborated with and garnered feedback from product managers and analysts of other teams to help with building standard operating procedures and to recognize and tackle roadblocks.

Rensselaer Polytechnic Institute-Teaching Assistant for Computer Science I (Python)

August 2018 – May 2019

- In this course that had 700 students, assisted with teaching Python from beginner to advanced level.
- Conducted labs, helping students with setting up their environment, practicing their skills and debugging.
- Held office hours to aid students with their assignments and to get ready for exams in a fast-paced environment.

EDUCATION

Master of Science, Business Analytics Rensselaer Polytechnic Institute, Troy, NY

GPA:3.73 2018-2019

- Received tuition scholarship.
- Excelled in coursework related to data science, predictive analytics, machine learning and SQL.

PhD in Law, Intellectual Property Law Ankara University, Ankara, TURKEY

GPA: 3.66 2013-2018

Master of Arts, Contract Law, Ankara University, Ankara, TURKEY

GPA: 3.86 2011-2013

SELECTED ACTIVITIES AND AWARDS

- Created data driven analytics showcasing **3 million** dollars in revenue increase for Automate as Capstone Project.
- First place in **Datathon** sponsored by Boeing analyzing the efficiency of the spending taxpayers' money by state. Overnight, researched and gathered data from multivariate sources, came up with a solution to rank the states on their efficiency of spending their budget and present findings in Tableau dashboard.
- Guest Researcher at Max Planck Institute for Innovation and Competition, (2017), Munich, GERMANY
- Speaker at GOOGLE Women Techmakers Conference, "Python as a Language of Legal Science".
- Keynote Speaker at "Digital Transformation of Legal Science" Workshop at Ankara University.
- Published peer reviewed journal articles and spoke at conferences regarding subjects such as pharmaceutical patents and global patent protection.