

- Clustered the financial metrics of firms under scrutiny assessing the ROE prediction, current ratio, and sales growth rate by employing the **K-means**, **hierarchical** and **DVSCAN algorithms**.
- Implemented the predictive modelling of the **Random Forest algorithm** to identify the potential areas of fraud or high-risk activities in key variables.

---

## Work Experience

### AI CROWDSOURCING PROGRAM

TELUS AI

Waterloo, ON

*Jul 2022 – Dec 2022*

- Contributed to the development of a scalable data validation framework that became a benchmark for similar projects within the organization.
- Conducted comprehensive validation of AI training datasets to ensure the accuracy, completeness, and consistency in alignment with model outcomes.

### PRIVATE EDUCATIONAL INSTITUTE INSTRUCTOR

Smart Edu

Seoul, South Korea

*May 2020 – Dec 2021*

- Facilitated hands-on coding sessions to reinforce theoretical knowledge and promote practical application of data structures in **Python** to **50+** students.
- Recorded regular one-on-one monitoring sessions using **Excel** to address individual learning needs and offer appropriate feedback.

### SERGEANT-AT-ARMY

Republic of Korea Army

Seoul, South Korea

*Aug 2018 – Apr 2020*

- Led and managed 30+ soldiers in various tactical plans such as diverse combat scenarios, field maneuvers and weapon handling as a **squad leader**.
- Completed specialized training in defensive driving and vehicle maintenance ensuring the timely and secure transportation of personnel and supplies.

---

## Certificate & Others

### Certified Google Cybersecurity Professional

Google

*Feb 2024*

### Cybersecurity & Privacy Institute Student Membership

University of Waterloo

*Jan 2024 - Present*