


Goksel Demir, M.Sc.

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Fully Work Authorized • No Visa Sponsorship Required

 236-868-7329 gokseldemir@yahoo.com www.linkedin.com/in/gfsld <https://github.com/gokseldemir> <https://gokseldemir.github.io/pa>**PROFESSIONAL PROFILE**

Data analyst with 7+ years of experience in data modeling, wrangling and mining, statistical prediction and research. Has practical and academic experience in both quantitative and qualitative research and writing to both technical and non-technical audiences. Worked on different parts of data project from collecting to coding, analysis to writing. Various regression modeling experiences (panel data, time series, multi-level, limited dependent variables, survival analysis, etc.)

SOFTWARE EXPERTISE

SPSS (10+ years)

MS Excel (10+ years)

MS Access (10+ years)

R (6+ years)

GeoDa (3+ years)

NVivo (3+ years)

Python (familiar)

ArcGIS (familiar)

Tableau (familiar)

Stata (familiar)

JavaScript (familiar)

PROFESSIONAL EXPERIENCE

INSTRUCTOR (Quantitative Research Methods in Crim.) Sep 2019 – May 2020
Vancouver Island University

- Basics of probability (normal curve, probability distribution) & hypothesis testing
- Bivariate and multivariate analysis (Chi-Square, T-Test, ANOVA, Correlation, OLS)

RESEARCH ASSISTANT Sep 2017 – Sep 2019
Institute of Canadian Urban Research Studies at SFU

- Did cleaning, structuring and enriching raw and heterogeneous data coming from various parties along with its quantitative and qualitative analysis

RESEARCH ASSISTANT Aug 2016 – Sep 2017
School of Criminology, SFU

- Conducted focus groups within Tsawwassen First Nation community regarding performance optimization of Delta Police Department on issues procedural justice and perception of police

RESEARCH ASSISTANT Aug 2016 – Sep 2017
Institute of Crime Science at the University of Cincinnati

- Conducted research on issues related to crime, public safety, and management of criminal justice agencies
- Investigated emerging spatial and temporal trends for various crimes
- Identified hot spots and peak times of targeted events that were occurring

DATA MANAGER/INSPECTOR May 2014 – Oct 2015
TNP Ankara (Turkey)

- Achieved a total of nearly 42% decrease in response time to call for services over three consecutive terms through exploration of clustering hotspots

DATA MANAGER/INSPECTOR Jan 2011 – May 2014
TNP HQ (Turkey)

- Transformed and transferred record management system using ODBC connector to collect, review, and management of political violence incidents
- Accomplished a roughly 300% increase in reported data by organizing officer training who produce data
- Investigated emerging spatial and temporal trends conducting quantitative analysis that involve OLS, logistic regression, fixed/random effects, spatial lag and spatial error models
- Visualized historical and spatial patterns of political violence incidents occurred country wide
- Writing trend and thematic reports of the department to present results

SKILLS

Regression modelling

Data management

Data visualization

SQL

GIS and geographic data analysis

Time series analysis

Interactive Graphs

Qualitative research methods

Mixed methods research

LATEST EDUCATION

Ph.D. in Criminology (2021 exp.)
Simon Fraser University

M.Sc. in Criminal Justice (2017)
University of Cincinnati

B.S. in Economics
Anadolu Uni. & METU (2015)