

# Mariya Sergei Siliankina

## Professional Profile

Graduate student seeking opportunities related to data analysis to contribute strong analytical skills and research, as well as apply knowledge and understanding of R and data visualization.

## Education

<b>The University of Texas at Dallas, Richardson, TX</b>	Expected Graduation: May 2020
<i>Master of Science in Social Data Analytics and Research</i>	Fast Track Program
<i>Bachelor of Science in International Political Economy</i>	<b>Summa Cum Laude / GPA: 4.0</b>

## Academics

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|--|---|-------------------------|
| ▪ Regression and Multivariate Analysis | ▪ Methods of Data Collection and Production | ▪ Knowledge Mining      |
| ▪ Data Visualization                   |   | ▪ Research Design       |
|  |   | ▪ Cost Benefit Analysis |

## The University of Texas at Dallas, Richardson, TX

*Twitter and the Moscow City Duma Election: Data Mining and Cluster Analysis*

- Fall 2019: Collect Twitter data and using unsupervised machine learning determine the similarity among active Twitter users participating in the discussion about the Moscow City Duma election. A predictive analysis exploring a relationship between party affiliation and Twitter activity is also executed.

*Voting Behavior: Earthquakes, Volcanic Eruptions, and Country Voting within the United Nations General Assembly*

- Spring 2019: Using different data visualization approaches, visualize and explore the relationship between the occurrence of natural disasters and country voting within the UN General Assembly.

## Skills

**Programming Language:** R (proficient), Python (beginner), Tableau (beginner)

**Software:** MS Office (Word, PowerPoint, Excel)

**Languages:** English – fluent, Russian – native and bilingual proficiency, Spanish – mid-proficiency

## Relevant Experience

<b>Emergent Risk International, Dallas, TX</b>	<b>Jan. 2018 – Aug. 2018</b>
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*Intelligence Research Analyst*

- Created, evaluated, and analyzed reports for clients outlining the political, economic, security, and business factors of countries that may pose possible risk to companies and their business models
- Developed and managed data on a portal containing political, social, and economic data sets

<b>UTD Student Success Center, Richardson, TX</b>	<b>Jan. 2017 – Present</b>
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*Supplemental Instruction (SI) Mentor Leader*

- Facilitate group study sessions for macroeconomics course, design activities, and market sessions to students
- Encourage active, collaborative learning based on critical thinking and transferable study skills
- Manage a team of SI Leaders and provide them with a support system to maintain their responsibilities

## Volunteer Experience

<b>UTD Office of Undergraduate Education, Richardson, TX</b>	<b>Aug. 2017 – May 2019</b>
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*Freshman Mentor Program*

<b>Volunteers in Plano Program, Plano, TX</b>	<b>Aug. 2013 – Present</b>
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*City of Plano College & Teens Volunteer*

<b>UTD Comet Cupboard, Richardson, TX</b>	<b>Aug. 2015 – May 2019</b>
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*Cupboard Volunteer*

## Awards

<b>UTD Fred Hill Endowed Scholarship</b>	<b>Fall 2016, Fall 2017, Fall 2018</b>
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<b>UTD Dean's List</b>	<b>Fall 2015 – Spring 2018</b>
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<b>Peace Corps Prep Program – Certificate of Completion</b>	<b>Fall 2018</b>
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