

Vladimir Dinolov

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Data Analyst

Dynamic Leader with Expertise in Business-driven Data Analysis, Reporting, & Operations

Highly versatile and experienced data analyst offering expertise in project management and big data-driven strategic planning. Proven track-record of designing, developing, and executing successful implementation of data projects aligned to organizational objectives with a focus on providing custom solutions for stakeholders. Deep technical expertise combined with an understanding of the importance of highly effective communication and interpretation of data, end-user satisfaction, and market research. Collaborative team leader continually focused on building relationships to produce highly successful teams, increasing productivity, and improving outcomes. Individual dedicated to self-reflection and personal improvement who consistently exceeds performance metrics.

For samples of my data analysis work, review my Github and Tableau profiles

[vladimir-dinolov.github.io/Data-Science-Portfolio](https://github.com/vladimir-dinolov/Data-Science-Portfolio) & public.tableau.com/profile/vladimirdinolov

CORE COMPETENCIES

- | | | |
|------------------------|-------------------------------|---------------------------|
| ◆ Project Management | ◆ Cross-functional Leadership | ◆ SQL, Python, R, Tableau |
| ◆ Technical Leadership | ◆ Stakeholder Management | ◆ Statistics |
| ◆ Data & Analytics | ◆ Data Science | ◆ Efficiency Improvements |
| ◆ Business Analysis | ◆ Operational Processes | ◆ Data Visualization |

PROFESSIONAL EXPERIENCE

The Commit Partnership

2019 - Present

Data Analyst, Statewide Analytics

- ▶ Oversaw a portfolio of data analysis projects used to inform multi-million dollar investments, including building custom Tableau dashboards, targeted web suite tools, and database implementations which served more than 20,000+ end users.
- ▶ Created a custom Tableau and Python based dashboard serving more than 100 area high schools for a statewide college completion initiative, the initiative resulted in more than 150,000 new students receiving free-tuition eligibility.
- ▶ Led a Dallas Independent School District bond analysis in Tableau and Excel, which was used to successfully influence the public to pass a \$3.5 Billion dollar fund to upgrade 14 campuses and build 10 new campuses.
- ▶ Utilized Google Analytics, Tableau, and Python to engage 600 school board members across the state, unifying statewide data sharing practices, causing the state to shift to 75% statewide compliance in <1 yr.
- ▶ Spearheaded the state-wide expansion of the Texas Teacher Network, growing the network from 300 members to more than 500 members through analysis and implementation of recruitment strategies in underrepresented regions.
- ▶ Collaborated with development teams across the district to produce custom Tableau dashboards for philanthropic stakeholders, assisting in a 15% increase in donations, a budget surplus of \$1M, and a successful \$3M grant application.
- ▶ Launched a relational database (MS Access, MS SQL Server) which allowed the coalition building of 30+ nonprofits and 40+ school districts, improving cross-functional services and unifying public policy approaches, 90% of users reported improved efficiency.

Vladimir Dinolov

Teach Plus Texas Policy Fellowship

2018 - 2020

Senior Policy Consultant – Data Analysis and Teacher Leadership

- ▶ Led the statewide data-driven advocacy campaign to influence the Texas Legislature to pass House Bill 3, driving more than \$1B for teacher performance-based pay, impacting more than 28.7 million Texas.
- ▶ Authored a paper in collaboration with Dallas ISD administration titled “Why Teacher Leadership Matters” which led to the creation of the Dallas ISD LEAD program, providing 10,000 teachers pathways to leadership.
- ▶ Managed a team of 15 Teacher Leaders across multiple districts, managing district-specific projects, including the formation of a Racial Equity Office, Community Resource Centers, and a Career and Technical Education School serving 60,000 students.

Dallas Independent School District

2016 - 2019

Master Elementary Teacher & STEM Coordinator

- ▶ Recognized as one of the highest performing teachers in Texas, serving in the Top 100 in Dallas ISD (10,000 teachers) and one of only 3,000 in the state of Texas (350,000 total) to achieve Master Teacher designation.
- ▶ Achieved exemplary academic progress with students taught, with 75% achieving above grade-level scores 3 years in a row and an average of 99% student satisfaction as demonstrated by Panorama student survey results.

Kode with Klossy

2018 - 2019

Coding Instructor

TECHNICAL SKILLS

SQL, MS SQL Server, NoSQL, Python, Matplotlib, NLTK, numpy, pandas, scikit-learn, R, caret, dplyr, ggplot2, tidyverse, Github, Microsoft Office Suite, Advanced Excel, PowerPivot Dashboards, Tableau, Google Analytics, Adobe Illustrator, HTML, Salesforce, Ruby, Supervised and Unsupervised Machine Learning Models, K-means clustering, Linear and Logical Regression, Naïve Bayes, Support Vector Machine

EDUCATION

Master of Science in Applied Data Science – Syracuse University

Bachelor of Science in Public Policy & Psychology – Florida State University

NOTABLE DATA PROJECTS

Master of Science in Applied Data Science – Syracuse University

- ▶ Utilized Machine-learning algorithms to analyze a Fortune 1000 companies supply chain and daily processes, identifying more than \$1 Billion in additional savings.
- ▶ Built a Yelp Review Lie-Detector using Python and Jupyter Notebook which outperformed peer creations by more than 15%, successfully detecting lies more than 65% of the time (industry average of 50% for comparable lie detectors)
- ▶ Conducted analysis of New York Analyzed Specialized High School Admissions Test Scores (SHSAT) which allowed 20 schools serving more than 30,000 students to receive extra services valued at more than \$100,000/yr.