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# STEFAN DEZARN | DATA ANALYST

Portfolio Site: [stefandezarn.com](http://stefandezarn.com)  
+1 540 327 1226 | [me@stefandezarn.com](mailto:me@stefandezarn.com)

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## PROFESSIONAL SUMMARY

Highly motivated, technically-minded problem solver with years of experience utilizing various methodologies for analysis that leads to intelligent decision making. Interested in identifying patterns in order to see the bigger picture and excited to learn more every day.

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## CORE COMPETENCIES

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|---|--------------------------|
| ✓ Python (Pandas, Matplotlib, SciKit-Learn, etc.) | ✓ Tableau                |
| ✓ R (tidyverse, ggplot2, etc.)                    | ✓ Microsoft Office Suite |
| ✓ SQL (BigQuery, MSSQL, MySQL)                    | ✓ Google Suite           |
| ✓ Microsoft Excel                                 | ✓ Source control         |

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## RELEVANT PROJECTS

*All projects available for review at [stefandezarn.com](http://stefandezarn.com)*

### Concrete Strength Analysis and Prediction

Utilizing Python, I do the following:

- Analyze correlations between independent variables and the target variable.
- Train and tune machine learning models to achieve a high degree of accuracy in predicting concrete strengths based on input variables.

### Sales and Business Analysis

Utilizing Azure Data Studio and the T-SQL syntax, I create a database from CSV files, ask business questions and use ad-hoc queries to answer them.

### Cyclistic Bikeshare Analysis

Utilizing the R programming language, I do the following:

- Import, inspect, and clean the dataset in a Jupyter Notebook
- Perform analysis and provide visualizations relevant to the business task

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## EDUCATION

### Virginia Commonwealth University

Bachelor of Science - Physics

- Presidential Scholarship Award
- Graduated Cum Laude

### Google Data Analytics Career Certificate

### Jovian Data Analysis with Python Certificate

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## WORK HISTORY

### Kumar and Associates, Inc.

Senior Geotechnical Engineering Lab/Field Technician | Aug 2015 - Present

- Collected and analyzed complex datasets from laboratory procedures, field tests and inspections to identify quality control issues, track project progress, and ensure compliance for numerous large-scale commercial and civil construction projects.
- Produced reports to communicate results to stakeholders.

### Colorado Motor Parts, Inc.

Operations Manager | Jan 2014 -Aug 2015

- Utilized and maintained inventory database and delivery management system to ensure efficiency of operations.
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