

# **Introduction to Data Science**

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# Preface

This book was written to fill a gap in the literature. It is intended for an audience:

- With little to no programming experience
- Interested in Data Science as an idea
- Wanting to become more comfortable working with data

# 1 Introduction

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

## 2 Summary

In summary, this book has no content whatsoever.

# 3 Example Notebook

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With some body text.

To test if everything is working, see Figure [3.1](#).

```
import matplotlib.pyplot as plt
import numpy as np

x = np.linspace(-5,5)
y = x**2

plt.plot(x,y, linewidth=4)
plt.show()
```

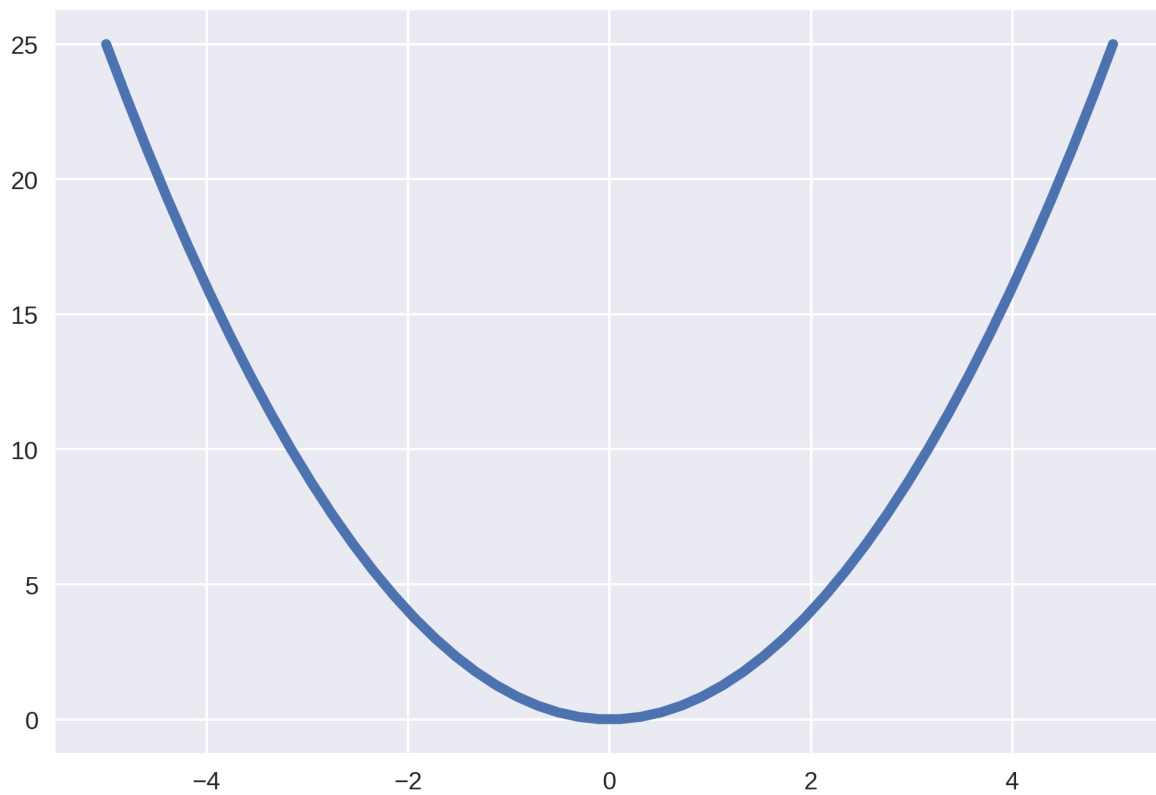


Figure 3.1: A simple quadratic curve.

Figure [3.1](#) above is a cool demonstration of what the Quatro publishing suite can do using notebook.

## References

Knuth, Donald E. 1984. “Literate Programming.” *Comput. J.* 27 (2): 97–111. <https://doi.org/10.1093/comjnl/27.2.97>.