Linear Algebra and Python Applications

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1 Learning Objectives

These notes are to be used in reviewing the basics of linear algebra, and providing an analogue in programming the concepts in Python. We'll try to keep this relevant to the data science pathway, but some asides may be taken for pleasure in mathematics and necessity!

1. Matrix & Vector Basics
2. Dot Products & Cross Products
3. Matrix-Vecotr Products

2 Matrix & Vector Basics

3 Dot Products & Cross Products

4 Matrix-Vecotr Products