

## Unit 3: More

This is an example of using qmd as the source document with pdf as one target. I've taken out the qmd stuff that doesn't seem to render to pdf.

### Evaluated Python code chunk, with a plot

```
import numpy as np
x = np.random.normal(size=100)
import matplotlib.pyplot as plt
plt.hist(x)
plt.show()
np.mean(x)
```

### LaTeX

$$\theta = \int_0^{\infty} f(x, \theta) d\theta$$

### LaTeX macro

**Warning:** need to look back at this as having `include-before-body` in the yaml causes extra space at top of page.

$$A = X^T Y$$