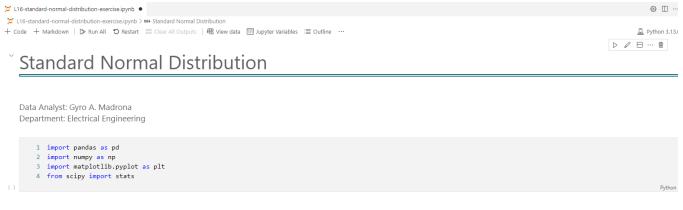
Prepared by:

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Electronics Engineer



Z-score

Histogram

```
1 # Histogram plot
2 plt.hist(df['Current'], bins=5)
3 plt.show()
```

Normal Distribution

Electronics Engineer

```
1  # Normal Distribution Curve
2  mean = df['Current'].mean()
3  std = df['Current'].std(ddof=1)
4
5  # x-axis
6  x_min = df['Current'].min()
7  x_max = df['Current'].max()
8
9  x = np.linspace(x_min, x_max, 100)
10  p = stats.norm.pdf(x, mean, std)
11
12  plt.plot(x, p)
13
14  plt.show()

1  # Histogram plot
2  plt.hist(df['Current'], bins=5)
3  4  # Normal Distribution Curve
5  p = stats.norm.pdf(x, mean, std)
6  7  plt.plot(x, p)
8  plt.show()
Pytho
```

Standard Normal Distribution N(0,1)

```
1  # Standard Normal Distribution N(0,1)
2  # x-axis
3  x_max = df['Z-score'].max()
4  x_min = df['Z-score'].min()
5
6  x = np.linspace(x_min,x_max,100)
7
8  p = stats.norm.pdf(x, df['Z-score'].mean(), df['Z-score'].std(ddof=1))
9
10  plt.plot(x, p)
11  plt.show()
```