

# Notebook

October 4, 2019

## 1 Sample Filtering Notebook

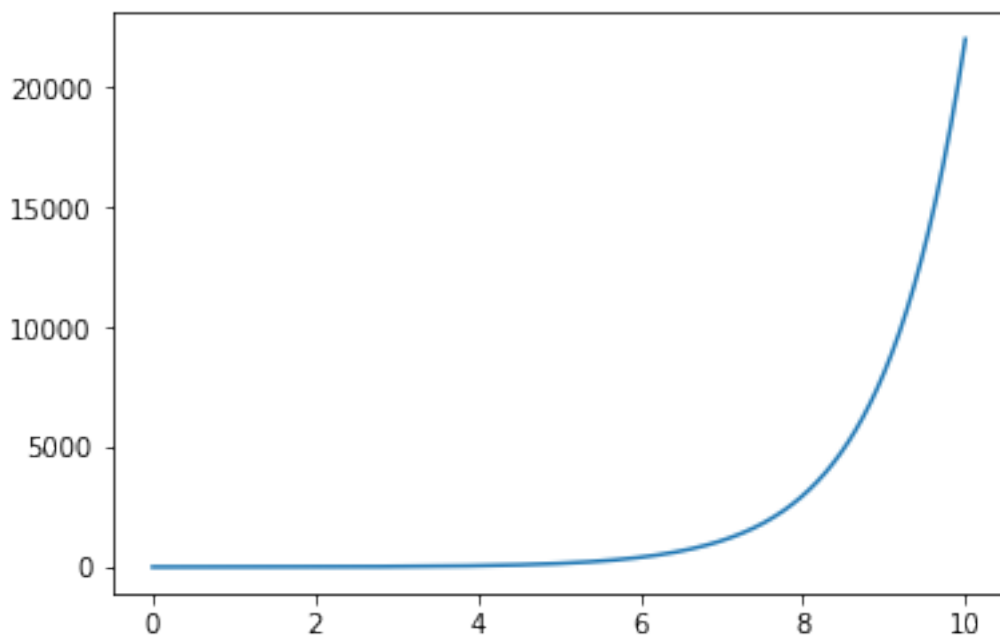
This cell should remain in the output since it has no tag.

This markdown cell should also remain. **Look at the plot** of this function:

$$f(x) = \cos(2x) + e^x$$

```
[2]: # this cell should remain because it has a plot
x = np.linspace(0,10,1000)
y = np.cos(2*x) + np.exp(x)
plt.plot(x,y)
```

```
[2]: [<matplotlib.lines.Line2D at 0x11ebcd5f8>]
```



```
[6]: # this code cell should remain, since it has the "include" tag  
y = 2*x  
print(y[0:5])
```

```
[0.          0.02002002 0.04004004 0.06006006 0.08008008]
```

This MD cell should also remain, because it's included