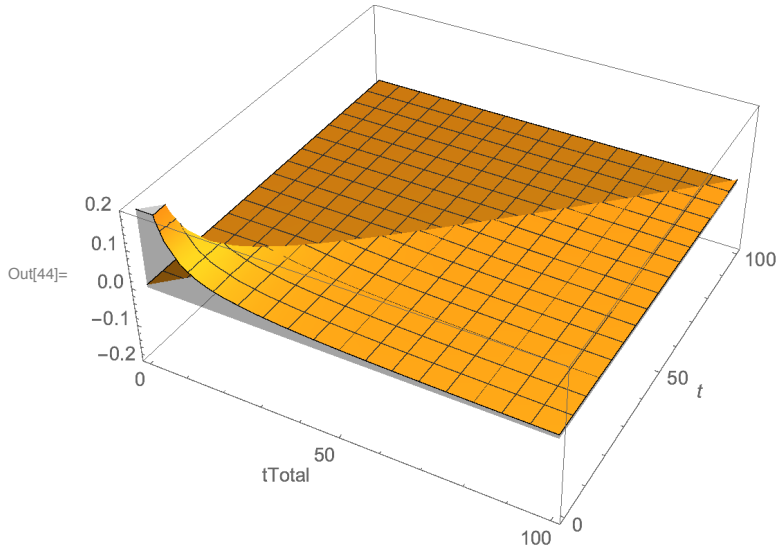


p (t | tTotal)

```
In[44]:= Rasterize[#, ImageResolution -> 200] &@  
Plot3D[PDF[UniformDistribution[{0, tTotal}], t], {tTotal, 0, 100},  
{t, 0, 100}, PlotRange -> 0.2, AxesLabel -> {"t_total", "t"}, Filling -> Axis]
```

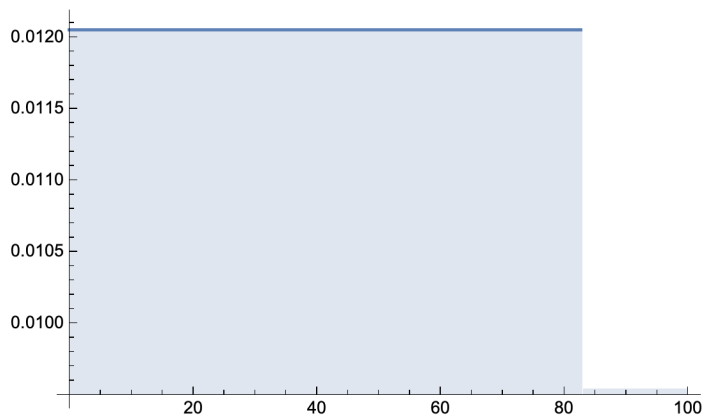


Generative probability

```
PDF[UniformDistribution[{0, 83}], t]
```

$$\begin{cases} \frac{1}{83} & 0 \leq t \leq 83 \\ 0 & \text{True} \end{cases}$$

```
Plot[PDF[UniformDistribution[{0, 83}], t], {t, 0, 100}, Filling -> Axis]
```



Likelihood function

```
PDF[UniformDistribution[{0, tTotal}], 18]
```

$$\begin{cases} \frac{1}{tTotal} & 18 \leq tTotal \\ 0 & \text{True} \end{cases}$$

```
Plot[PDF[UniformDistribution[{0, tTotal}], 18], {tTotal, 0, 100}, Filling -> Axis]
```

