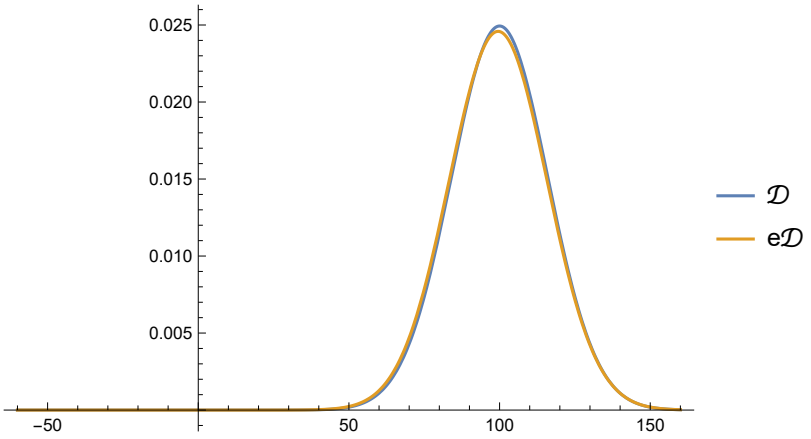
```
In[•]:= 𝒟 = NormalDistribution[100, 16];

In[•]:= data = RandomVariate[𝒟, 1000];

In[•]:= e𝒟 = FindDistribution[data, TargetFunctions → {NormalDistribution}]
```

```
Out[•]=
NormalDistribution[99.5148, 16.2268]
```

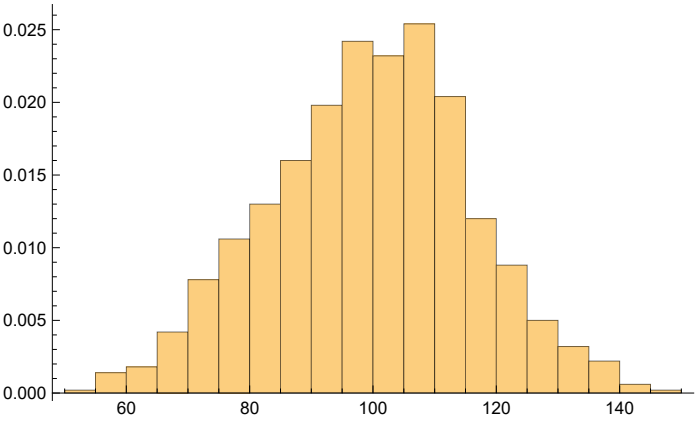
```
In[•]:= Plot[{PDF[𝒟, x], PDF[e𝒟, x]}, {x, -60, 160}, PlotLegends → {"𝒟", "e𝒟"}, PlotRange → All]
```

```
Out[•]=
```




```
In[•]:= Show[Histogram[data, 20, "ProbabilityDensity"],
 DiscretePlot[{PDF[e𝒟1, x]}, {x, 0, 100}]]
```

```
Out[•]=
```



In[•]:=
```
Show[Histogram[data, 20, "ProbabilityDensity"],
 DiscretePlot[{PDF[eD, x]}, {x, 0, 160}, PlotStyle → ColorData[97][3], Joined → True],
 Plot[{PDF[D, x]}, {x, 0, 160}]]
```

Out[•]=