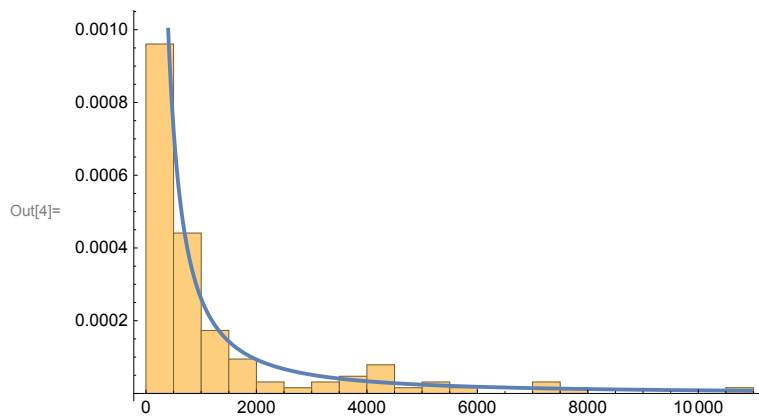


```
In[1]:= Clear["Global`*"];
```

```
sample = {1209, 1201, 25, 1150, 1826, 3550, 975, 23, 906, 1587, 7303, 736, 106, 625, 4027,
  1078, 264, 164, 3530, 832, 196, 675, 363, 5436, 791, 446, 171, 582, 3080, 758,
  202, 96, 504, 2410, 688, 587, 65, 488, 1303, 7297, 588, 957, 1053, 1656, 580, 93,
  383, 3005, 1264, 630, 78, 327, 5483, 1536, 125, 469, 1600, 4482, 677, 763, 619,
  1298, 881, 373, 71, 702, 828, 86, 368, 2681, 1322, 236, 193, 4766, 951, 128, 293,
  366, 4162, 307, 69, 257, 691, 2434, 232, 51, 234, 129, 1088, 85, 29, 131, 138,
  1520, 610, 57, 189, 7970, 177, 125, 50, 267, 3734, 4, 11, 51, 51, 184, 749, 12,
  7, 20, 134, 4444, 15, 22, 90, 4235, 71, 662, 928, 1186, 10968, 6, 17, 13, 5845};
```

```
edist1 = ParetoDistribution[280, 0.4786874918577795];
```

```
Show[Histogram[sample, 30, "PDF", PlotRange -> All],
  Plot[{PDF[edist1, x]}, {x, Min[sample], Max[sample]}],
  PlotStyle -> Thick, PlotRange -> {{1, 10000}, {0.000001, 0.001}}]
]
```



```
In[8]:=
```

```
Show[Histogram[sample, 30, "PDF", ScalingFunctions -> {"Log", "Log"},
  PlotRange -> {{400, 20000}, {0.000006, 0.001}}],
  LogLogPlot[{PDF[edist1, x]}, {x, Min[sample], Max[sample]}],
  PlotStyle -> Thick, PlotRange -> {{400, 20000}, {0.000006, 0.001}}]
]
```

