

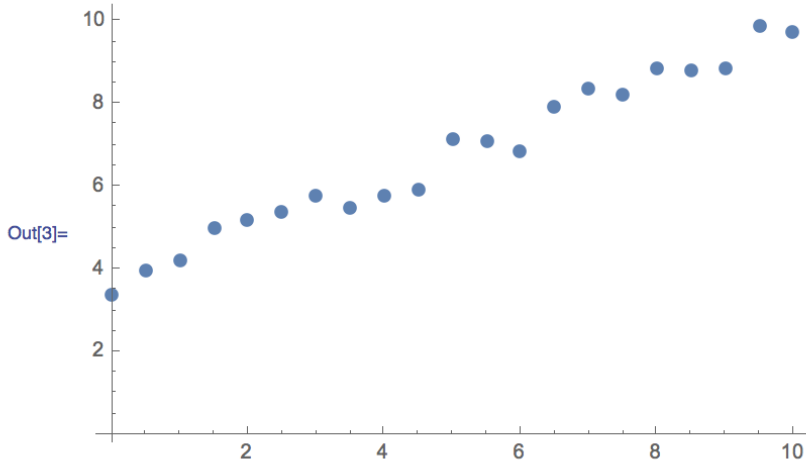
```
In[1]:= SetDirectory["~/Desktop"]
```

```
Out[1]= /Users/ericblack/Desktop
```

```
In[2]:= data = Import["Data1.txt", "Table"]
```

```
Out[2]= {{0., 3.4039}, {0.5, 3.9881}, {1., 4.2004}, {1.5, 5.0291}, {2., 5.188},
  {2.5, 5.3914}, {3., 5.7904}, {3.5, 5.4771}, {4., 5.784}, {4.5, 5.9271}, {5., 7.1422},
  {5.5, 7.1213}, {6., 6.8499}, {6.5, 7.936}, {7., 8.3686}, {7.5, 8.2178},
  {8., 8.8891}, {8.5, 8.8176}, {9., 8.8702}, {9.5, 9.8769}, {10., 9.7354}}
```

```
In[3]:= dataplot = ListPlot[data]
```



```
In[4]:= Needs["ErrorBarPlots`"]
```

```
In[5]:= darg = Table[{{data[[i, 1]], data[[i, 2]]}, ErrorBar[0.3]}, {i, 1, Length[data]}]
```

```
Out[5]= {{{0., 3.4039}, ErrorBar[0.3]},
  {{0.5, 3.9881}, ErrorBar[0.3]}, {{1., 4.2004}, ErrorBar[0.3]},
  {{1.5, 5.0291}, ErrorBar[0.3]}, {{2., 5.188}, ErrorBar[0.3]},
  {{2.5, 5.3914}, ErrorBar[0.3]}, {{3., 5.7904}, ErrorBar[0.3]},
  {{3.5, 5.4771}, ErrorBar[0.3]}, {{4., 5.784}, ErrorBar[0.3]},
  {{4.5, 5.9271}, ErrorBar[0.3]}, {{5., 7.1422}, ErrorBar[0.3]},
  {{5.5, 7.1213}, ErrorBar[0.3]}, {{6., 6.8499}, ErrorBar[0.3]},
  {{6.5, 7.936}, ErrorBar[0.3]}, {{7., 8.3686}, ErrorBar[0.3]},
  {{7.5, 8.2178}, ErrorBar[0.3]}, {{8., 8.8891}, ErrorBar[0.3]},
  {{8.5, 8.8176}, ErrorBar[0.3]}, {{9., 8.8702}, ErrorBar[0.3]},
  {{9.5, 9.8769}, ErrorBar[0.3]}, {{10., 9.7354}, ErrorBar[0.3]}}
```