Sending Emails from Python Generating PDFs from Python

- Reading: Introduction to Generating PDFs

 10 min
- Reading: Adding Tables to our PDFs
 10 min
- Reading: Adding Graphics to our PDFs

Module 3 Project

Adding Graphics to our PDFs

Up to now, we've generated a report with a title and a table of data. Next let's add something a little more graphical. What could be better than a fruit pie (graph)?! We're going to need to use the <u>**Drawing**</u> Flowable class to create a <u>**Pie**</u> chart.

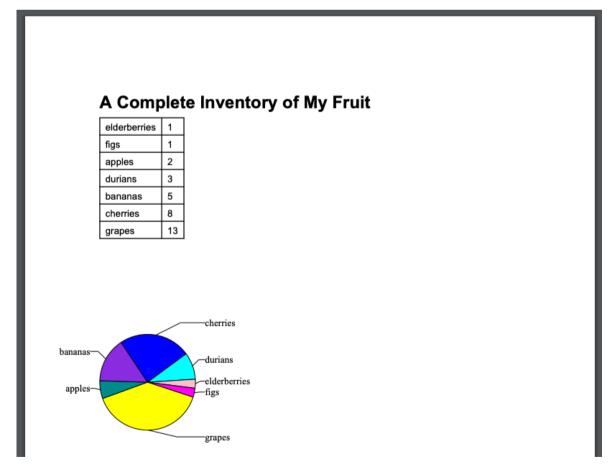
```
1  >>> from reportlab.graphics.shapes import Drawing
2  >>> from reportlab.graphics.charts.piecharts import Pie
3  >>> report_pie = Pie(width=3*inch, height=3*inch)
```

To add data to our **Pie** chart, we need two separate lists: One for data, and one for labels. Once more, we're going to have to transform our fruit dictionary into a different shape. For an added twist, let's sort the fruit in alphabetical order:

The **Pie** object isn't Flowable, but it can be placed inside of a Flowable <u>**Drawing**</u>.

Now, we'll add the new Drawing to the report, and see what it looks like.

```
1 report.build([report_title, report_table, report_chart])
```



Alright, and with that, you've seen a few examples of what we can do with the ReportLab library. There's a ton more things that can be done that we won't cover here. You'll want to refer to the <u>ReportLab User Guide</u> for more details on the features we've seen, and to see what else you can create with it.

By the way, the ReportLab User Guide is a PDF that is generated using reportlab! Cool, right?

√ Completed Go to next item

 ?