

# Exercise (Instructions): Displaying Content: Tables, Panels and Wells

## Objectives and Outcomes

In this exercise, we will examine tables and Bootstrap classes for styling tables. We will also examine two Bootstrap components: Panels and Wells and their use for displaying content. At the end of this exercise, you will be able to:

- Create, style and present tabular data in tables in a web page using the Bootstrap table classes
- Display content in a web page using Panels and Wells using Bootstrap Panel and Well classes

## Set up for the Exercise

- In this exercise we will be modifying the *aboutus.html* page to add a table, a panel with some content and a well with a quotation.
- Let us get started by opening *aboutus.html* page in a text editor.

## Bootstrap Tables

- In this part, we will add a new row of content after the Corporate Leadership row in the page. We first start by adding a row and columns to the page as follows:

```
<div class="row row-content">
  <div class="col-xs-12 col-sm-9">
    <h2>Facts & Figures</h2>
  </div>
  <div class="col-xs-12 col-sm-3">
    <p style="padding:20px;"></p>
  </div>
</div>
```

- Inside the first column of this row, insert the table as follows:

```
<div class="table-responsive">
<table class="table table-striped">
  <tr>
    <td>&nbsp;</td>
    <th>2013</th>
    <th>2014</th>
    <th>2015</th>
  </tr>
  <tr>
    <th>Employees</th>
    <td>15</td>
    <td>30</td>
    <td>40</td>
  </tr>
  <tr>
    <th>Guests Served</th>
    <td>15000</td>
    <td>45000</td>
    <td>100,000</td>
  </tr>
  <tr>
    <th>Special Events</th>
    <td>3</td>
    <td>20</td>
    <td>45</td>
  </tr>
  <tr>
    <th>Annual Turnover</th>
    <td>$251,325</td>
    <td>$1,250,375</td>
    <td>~$3,000,000</td>
  </tr>
</table>
```

```
</div>
```

Note the use of *table-responsive* class to create a responsive table, and the *table-striped* class for styling the table.

## Bootstrap Panel

- Before we proceed we adjust the column classes for the two columns in the first content row to be *col-sm-8* and *col-sm-4* respectively so that the two divs span 8 and 4 columns respectively.
- Next we add a panel to the second div in the first content row as follows:

```
<div class="panel panel-primary">
  <div class="panel-heading">
    <h3 class="panel-title">Facts At a Glance</h3>
  </div>
  <div class="panel-body">
    <dl class="dl-horizontal">
      <dt>Started</dt>
      <dd>3 Feb. 2013</dd>
      <dt>Major Stake Holder</dt>
      <dd>HK Fine Foods Inc.</dd>
      <dt>Last Year's Turnover</dt>
      <dd>$1,250,375</dd>
      <dt>Employees</dt>
      <dd>40</dd>
    </dl>
  </div>
</div>
```

Note the use of the *panel* and *panel-primary* classes to style the panel. The panel contains two divs, one with *panel-heading* class to host the heading of the panel, and the second with the *panel-body* class to host the content. Note the use of *<dl>* tag with the *dl-horizontal* class to create a horizontal description list.

## Bootstrap Well

- Next, we add a Bootstrap well component and include a quotation in the well using the blockquote typography style:

```
<div class="well">
  <blockquote>
    <p>You better cut the pizza in four pieces because
      I'm not hungry enough to eat six.</p>
    <footer>Yogi Berra,
      <cite>The Wit and Wisdom of Yogi Berra,
        P. Pepe, Diversion Books, 2014</cite>
    </footer>
  </blockquote>
</div>
```

Note the use of the `<blockquote>` tag to create a block quote in the well. We can use a `<footer>` inside the block quote to specify the attribution of the quote to its origin.

## Conclusions

In this exercise, we constructed a table and styled it with the Bootstrap table classes. Thereafter, we added two components, a panel and a well to the web page. We also saw the use of the description list and the block quote in the content.