Practical 8: The Sales Tracker App

Step 1: Go to Microsoft365 and search SharePoint then click on create site and make a list by giving name and the fields required in the table.

Step 2: Go to QuickChart and open the Chart Gallery page to see all the possible chart types we could add to Power Apps. Choose the Horizontal chart type.
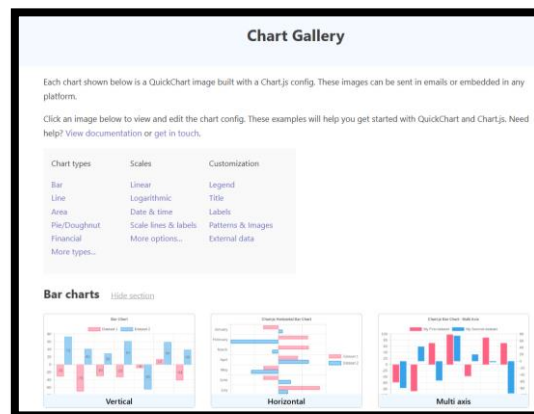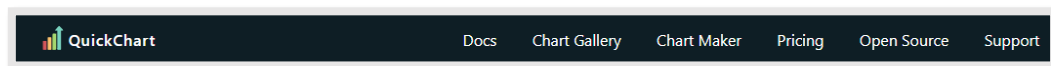
Step 3: Copy the code of Horizontal chart type and paste in the notepad. And then press Ctrl+H then replace (") with (')

Step 4: Go to power app and create or open any file. Then insert image and text box.
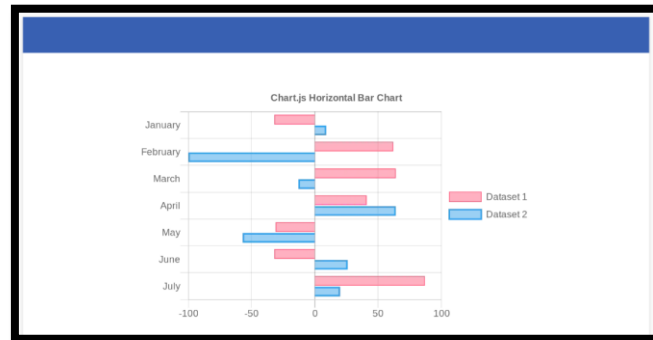

Step 5: Select Image property and then enter the following code:

```
"https://quickchart.io/chart?c="&EncodeUrl("{
  'type': 'horizontalBar',
  'data': {
   'labels': [
     'January',
     'February',
     'March',
     'April',
     'May',
     'June',
     'July'
   ],
   'datasets': [
    {
      'label': 'Dataset 1',
      'backgroundColor': 'rgba(255, 99, 132, 0.5)',
      'borderColor': 'rgb(255, 99, 132)',
      'borderWidth': 1,
      'data': [
       -32,
       62,
       64,
       41,
       -31,
       -32,
       87
      ]
    },
    {
      'label': 'Dataset 2',
      'backgroundColor': 'rgba(54, 162, 235, 0.5)',
      'borderColor': 'rgb(54, 162, 235)',
      'data': [
       9,
       -100,
       -13,
       64,
       -57,
       26,
       20
      ]
    }
```

```
    ]
  },
  'options': {
    'elements': {
      'rectangle': {
        'borderWidth': 2
      }
    },
    'responsive': true,
    'legend': {
      'position': 'right'
    },
    'title': {
      'display': true,
      'text': 'Chart.js Horizontal Bar Chart'
    }
  }
}")
```
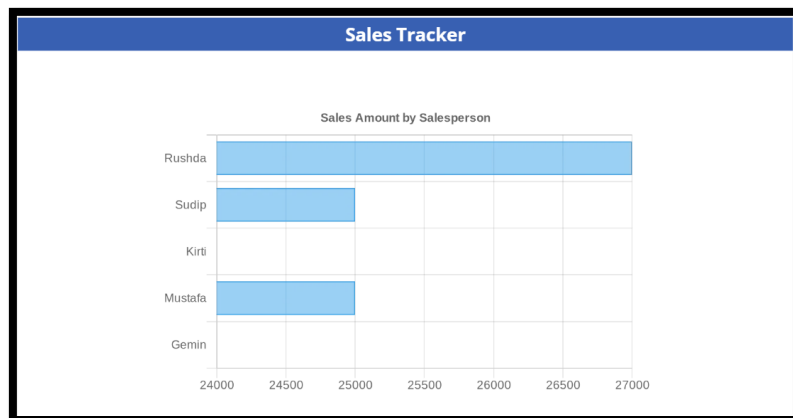

Step 6: Add data using data source and then enter following code in image property

```
"https://quickchart.io/chart?c="&EncodeUrl("{
  'type': 'horizontalBar',
  'data': {
    'labels': ["&Concat('Monthly Sales',"'"&Salesperson&"',",")&"],
    'datasets': [
      {
        'label': 'Dataset 2',
        'backgroundColor': 'rgba(54, 162, 235, 0.5)',
        'borderColor': 'rgb(54, 162, 235)',
        'borderWidth': 1,
        'data': ["&Concat('Monthly Sales',"'"&SalesAmount&"',",")&"]
      }
    ]
  },
  'options': {
    'elements': {
      'rectangle': {
        'borderWidth': 2
      }
    },
    'responsive': true,
    'legend': {
      'display': false
    },
    'title': {
      'display': true,
```

```
   'text': 'Sales Amount by Salesperson'
  }
 }
}")
```


Step 7: Add dropdown and the on the image select image property and then add the following code:

```
"https://quickchart.io/chart?c="&EncodeUrl("{
 'type': 'horizontalBar',
 'data': {
   'labels': ["&Concat(
     Filter('RMonthly Sales', Period=Dropdown2.Selected.Value),
     """"&Salesperson&"","
   )&"],
   'datasets': [
     {
       'label': 'Dataset 2',
       'backgroundColor': 'rgba(54, 162, 235, 0.5)',
       'borderColor': 'rgb(54, 162, 235)',
       'borderWidth': 1,
       'data': ["&Concat(
     Filter('RMonthly Sales', Period=Dropdown2.Selected.Value),
     """"&SalesAmount&"","
   )&"]
     }
   ]},
   'options': {
     'elements': {
     'rectangle': {
       'borderWidth': 2
     }
     },
     'responsive': true,
     'legend': {
     'display': false
     },
     'title': {
     'display': true,
     'text': 'Sales Amount by Salesperson'
     }
```

```
    }
}"
)
```

On the **dropdown select items property** and then add the following code:
Distinct('RMonthly Sales', Period)