

# Kishinchand Chellaram College, Mumbai - 20.

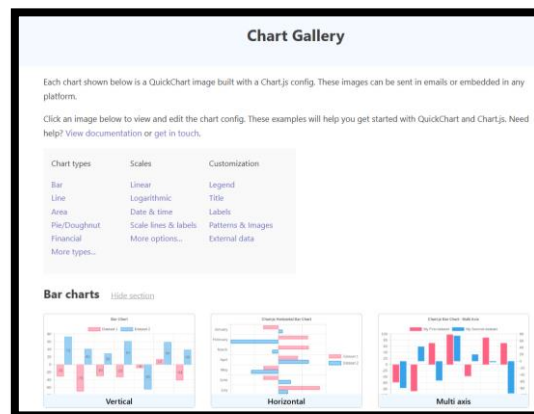
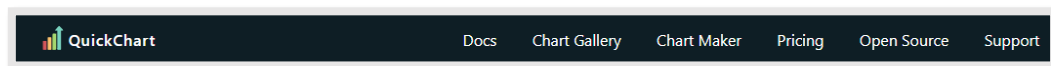
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## Practical 8: The Sales Tracker App

**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.

RMonthly Sales ☆				
Title	Salespers...	Period	SalesAmo...	Add column
1	Rushda	January 2024	27,000	
2	Sudip	February 2024	25,000	
3	Kirti	March 2024	24,000	
4	Mustafa	February 2024	25,000	
5	Gemin	April 2024	24,000	

**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 (')

```

{
  "type": "horizontalBar",
  "data": {
    "labels": [
      "January",
      "February",
      "March",
      "April",
      "May",
      "June",
      "July"
    ],
    "datasets": [
      {
        "label": "Dataset 1",
        "backgroundColor": "rgb(255, 99, 132, 0.5)",
        "borderColor": "rgb(255, 99, 132)",
        "borderWidth": 1,
        "data": [
          -32,
          62,
          64,
          41,
          -31,
          -32,
          87
        ]
      },
      {
        "label": "Dataset 2",
        "backgroundColor": "rgb(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"
    }
  }
}
```

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



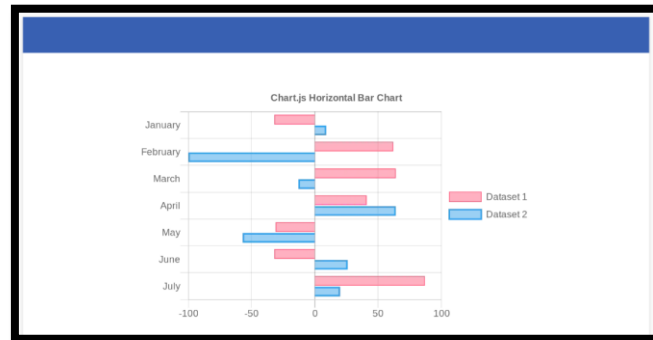
**Step 5:** Select Image property and then enter the following code:

```
"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
        ]
      }
    ]
  }
}");
```

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



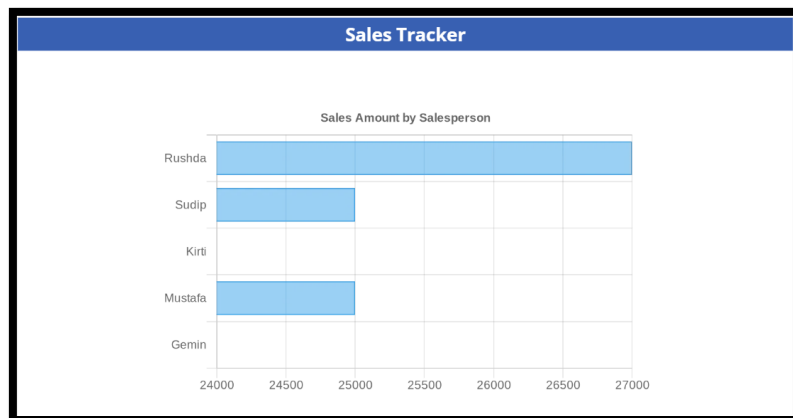
**Step 6:** Add data using data source and then enter following code in image property

```
"https://quickchart.io/chart?c="&encodeURIComponent({
  '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,
```

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```
'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'  
  }  
}
```

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}  
}"  
)

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

