

Ask AI



what are the top 5 customers who bought the most



```
1 SELECT i.CustomerId, c.FirstName, c.LastName, SUM(ii.UnitPrice * ii.Quantity) AS TotalSpent
2 FROM invoices i
3 JOIN invoice_items ii ON i.InvoiceId = ii.InvoiceId
4 JOIN customers c ON i.CustomerId = c.CustomerId
5 GROUP BY i.CustomerId, c.FirstName, c.LastName
6 ORDER BY TotalSpent DESC
7 LIMIT 5
```



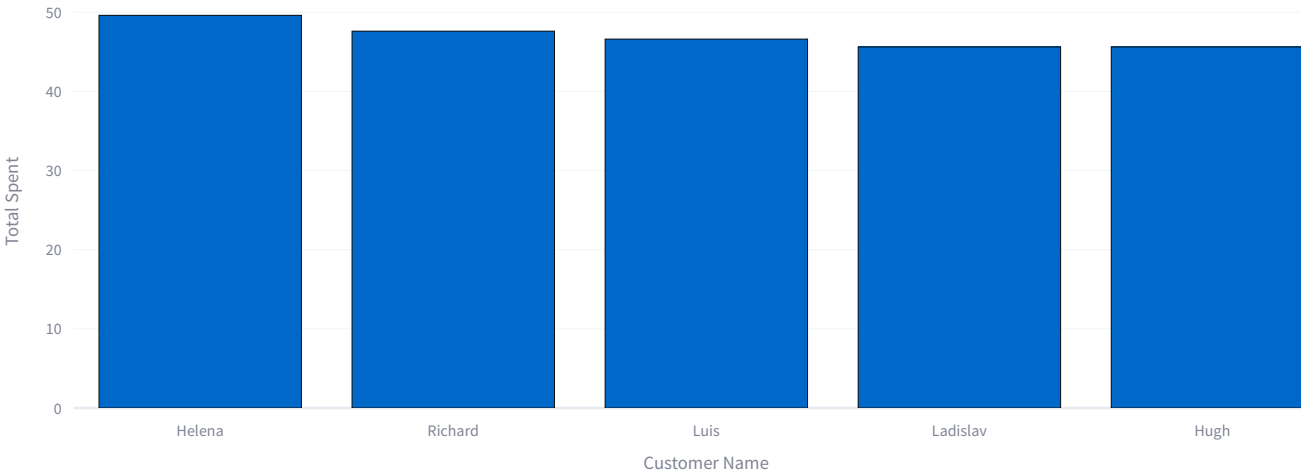
	CustomerId	FirstName	LastName	TotalSpent
0	6	Helena	Holý	49.62
1	26	Richard	Cunningham	47.62
2	57	Luis	Rojas	46.62
3	45	Ladislav	Kovács	45.62
4	46	Hugh	O'Reilly	45.62



```
1 import plotly.express as px
2
3 fig = px.bar(df, x='FirstName', y='TotalSpent')
4 fig.update_layout(title='Top 5 Customers by Total Spent', xaxis_title='Customer Name', yaxis_title='Total Spent')
```



Top 5 Customers by Total Spent



Ask me a question about your data

```

{
  "my_question": "what are the top 5 customers who bought the most"
  "my_answer": {
    "my_sql": {
      "data": "SELECT i.CustomerId, c.FirstName, c.LastName, SUM(ii.UnitPrice * ii.Quantity) AS TotalSpent
      FROM invoices i
      JOIN invoice_items ii ON i.InvoiceId = ii.InvoiceId
      JOIN customers c ON i.CustomerId = c.CustomerId
      GROUP BY i.CustomerId, c.FirstName, c.LastName
      ORDER BY TotalSpent DESC
      LIMIT 5"
      "ts_delta": "67.13"
    }
    "my_valid_sql": {
      "data": true
    }
    "my_df": {
      "data": "
      CustomerId  FirstName  LastName  TotalSpent
      0           6    Helena    Holý      49.62
      1          26   Richard  Cunningham  47.62
      2          57     Luis    Rojas      46.62
      3          45  Ladislav  Kovács    45.62
      4          46     Hugh    O'Reilly   45.62"
      "ts_delta": "0.00"
    }
    "my_plot": {
      "data": "
      import plotly.express as px

      fig = px.bar(df, x='FirstName', y='TotalSpent')
      fig.update_layout(title='Top 5 Customers by Total Spent', xaxis_title='Customer Name', yaxis_title='Total Spent')

      "
      "ts_delta": "25.36"
    }
    "my_fig": {
      "data": "Figure({
        'data': [{ 'alignmentgroup': 'True',
                    'hovertemplate': 'FirstName={x}<br>TotalSpent={y}<extra></extra>',
                    'legendgroup': '',
                    'marker': { 'color': '#000001', 'pattern': { 'shape': '' } },
                    'name': '',
                    'offsetgroup': '',
                    'orientation': 'v',
                    'showlegend': False,
                    'textposition': 'auto',
                    'type': 'bar',
                    'x': array(['Helena', 'Richard', 'Luis', 'Ladislav', 'Hugh'], dtype=object),
                    'xaxis': 'x',
                    'y': array([49.62, 47.62, 46.62, 45.62, 45.62]),
                    'yaxis': 'y'}],
        'layout': { 'barmode': 'relative',
                    'legend': { 'tracegroupgap': 0 },
                    'margin': { 't': 60 },
                    'template': '...',
                    'title': { 'text': 'Top 5 Customers by Total Spent' },
                    'xaxis': { 'anchor': 'y', 'domain': [0.0, 1.0], 'title': { 'text': 'Customer Name' } },
                    'yaxis': { 'anchor': 'x', 'domain': [0.0, 1.0], 'title': { 'text': 'Total Spent' } } }
      })"
    }
  }
  "my_summary": {

```

```
    "data" :  
    "The top 5 customers who bought the most are: Helena Holý, Richard Cunningham, Luis Rojas, Ladislav Kovács, and  
    Hugh O'Reilly."  
    "ts_delta" : "22.31"  
  }  
}
```