

# Exercise 1

## Lab steps

Count of **Company** by **Funding County** (bar chart)

The screenshot shows the 'Build visual' pane in Power BI. The 'Visualizations' tab is active, displaying a grid of chart types. A bar chart icon is highlighted with a red box. Below the grid, the 'Y-axis' is set to 'Funding County' and the 'X-axis' is set to 'Count of Company'. A context menu is open over the 'Count of Company' field, with 'Count (Distinct)' selected. The 'Data' pane on the right shows a list of fields under the 'Grants' table, including 'Actual Job Count', 'Actual Wage', 'Award Date', 'Closed', 'Company', 'Company Addr...', 'Company County', 'Company Webs...', 'Deadline', 'Elapsed days', 'Funding City', 'Funding County', 'Funding ID', 'In Funding', 'Required Wage', 'Status', and 'Total Award'. The 'Company' and 'Funding County' fields are checked.

**Visualizations** >> **Data** >>

Build visual

Y-axis: Funding County

X-axis: Count of Company

Legend: Add data fields here

Small multiples: Add data fields here

Tooltips: Add data fields here

Drill through: Add drill-through fields here

Cross-report: Off

Keep all filters: On

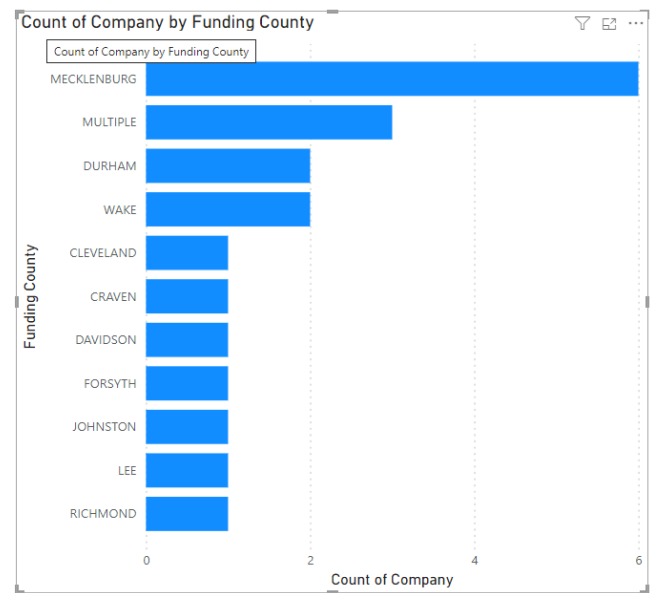
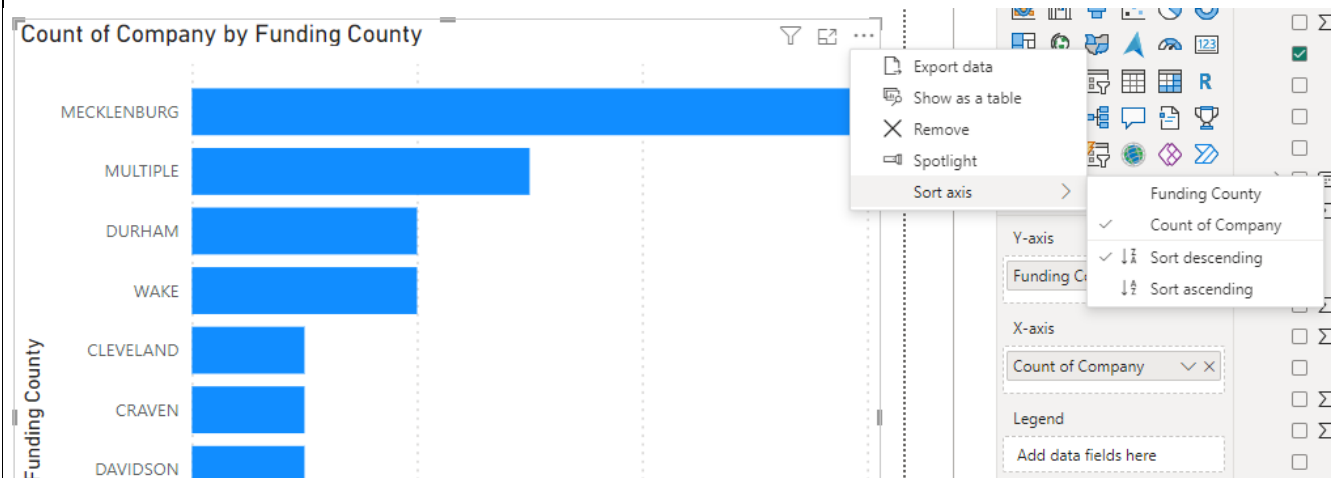
Context menu for 'Count of Company':

- Remove field
- Rename for this visual
- Move to >
- ✓ Count (Distinct)
- Count
- Show value as >
- New quick measure

Data pane (Grants table):

- ☐ Actual Job Count
- ☐ Actual Wage
- ☐ Award Date
- ☐ Closed
- ☒ Company
- ☐ Company Addr...
- ☐ Company County
- ☐ Company Webs...
- ☐ Deadline
- ☐ Elapsed days
- ☐ Funding City
- ☒ Funding County
- ☐ Funding ID
- ☐ In Funding
- ☐ Required Wage
- ☐ Status
- ☐ Total Award

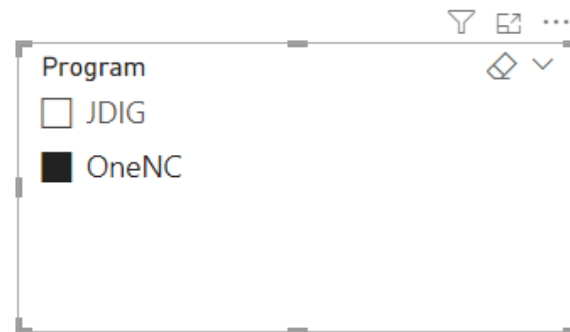
Sort **Funding County** by the  
count of **Company**



Adding **Award Date** as the slicer to select the particular time period.

The screenshot displays the Power BI interface. On the left, a slicer titled 'Year, Quarter, Month, Day' is shown with a list of years: 2009, 2010, 2011, and 2012. On the right, the 'Visualizations' pane is open, showing various chart types. A red box highlights the slicer icon in the 'Visualizations' pane. A context menu is open for the 'Award Date' field, showing options: 'Remove field', 'New quick measure', 'Show items with no data', 'Award Date', and 'Date Hierarchy'. The 'Data' pane on the far right lists various fields, including 'Grants', 'Actual Job Count', 'Actual Wage', 'Award Date', 'Closed', 'Company', 'Company Address', 'Company Count', 'Company Website', 'Deadline', 'Elapsed days', and 'Funding City'.

Adding **Program** as the slicer to select the different program.



Visualizations >>

Build visual

Filters

Field

Program

Drill through

Cross-report Off

Keep all filters On

Add drill-through fields here

Data >>

Search

Grants

- ☐ Actual Job Count
- ☐ Actual Wage
- ☐ Award Date
- ☐ Closed
- ☐ Company
- ☐ Company Addr...
- ☐ Company County
- ☐ Company Webs...
- ☐ Deadline
- ☐ Elapsed days
- ☐ Funding City
- ☐ Funding County
- ☐ Funding ID
- ☐ In Funding
- ☐ Job Type
- ☐ Percent Awarded
- ☐ Percent Created
- ☒ Program
- ☐ Project Job Cou...
- ☐ Project Wage
- ☐ Required Job C...
- ☐ Required Wage
- ☐ Status
- ☐ Total Award