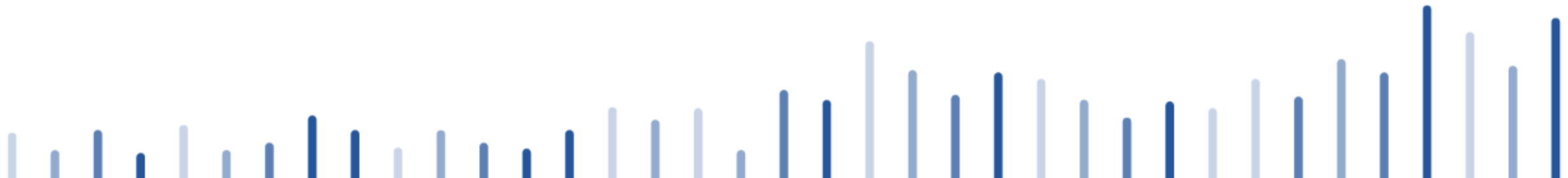


BDI 367: Exercise 7.2

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- Open File
- Use Data Interpreter
- Select year columns (hold down Shift and select columns)
- Pivot table (see image) by selecting dropdown arrow

Sheet1 (Exercise7-2 Edit)

Connection

Live

Extract

Sheet1

Need more data?
Drag tables here to relate them. [Learn more](#)

Sheet110 fields 4 rows4 rows

NameSheet1

Fields

| Type | Field Name | Physical Table | Remote Field Name |
|------|------------|----------------|-------------------|
| Abc | F1 | Sheet1 | F1 |
| # | 2012 | Sheet1 | 2012 |
| # | 2013 | Sheet1 | 2013 |
| # | 2014 | Sheet1 | 2014 |
| # | 2015 | Sheet1 | 2015 |

| Abc | # | # | # | # | # | # |
|------------------|--------|--------|--------|--------|--------|--------|
| Sheet1 | Sheet1 | Sheet1 | Sheet1 | Sheet1 | Sheet1 | Sheet1 |
| F1 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Retail | 13,490 | 13,350 | 10,463 | 13,910 | 14,360 | 14,630 |
| Ecommerce | 5,010 | 5,560 | 4,249 | 6,040 | 6,690 | 7,110 |
| Partner | 3,500 | 3,780 | 2,946 | 3,520 | 3,770 | 4,540 |
| Direct Marketing | 460 | 447 | 424 | 410 | 411 | 483 |

Rename

Copy Values

Hide

Create Calculated Field...

Pivot

Merge Mismatched Fields

- Rename columns
- Change Year Datatype to Date

Sheet1 (Exercise7-2 Edit)

Connection
☒ Live ☐ Extract

Sheet1



Need more data?

Drag tables here to relate them. [Learn more](#)

Sheet1

3 fields 36 rows

7 rows

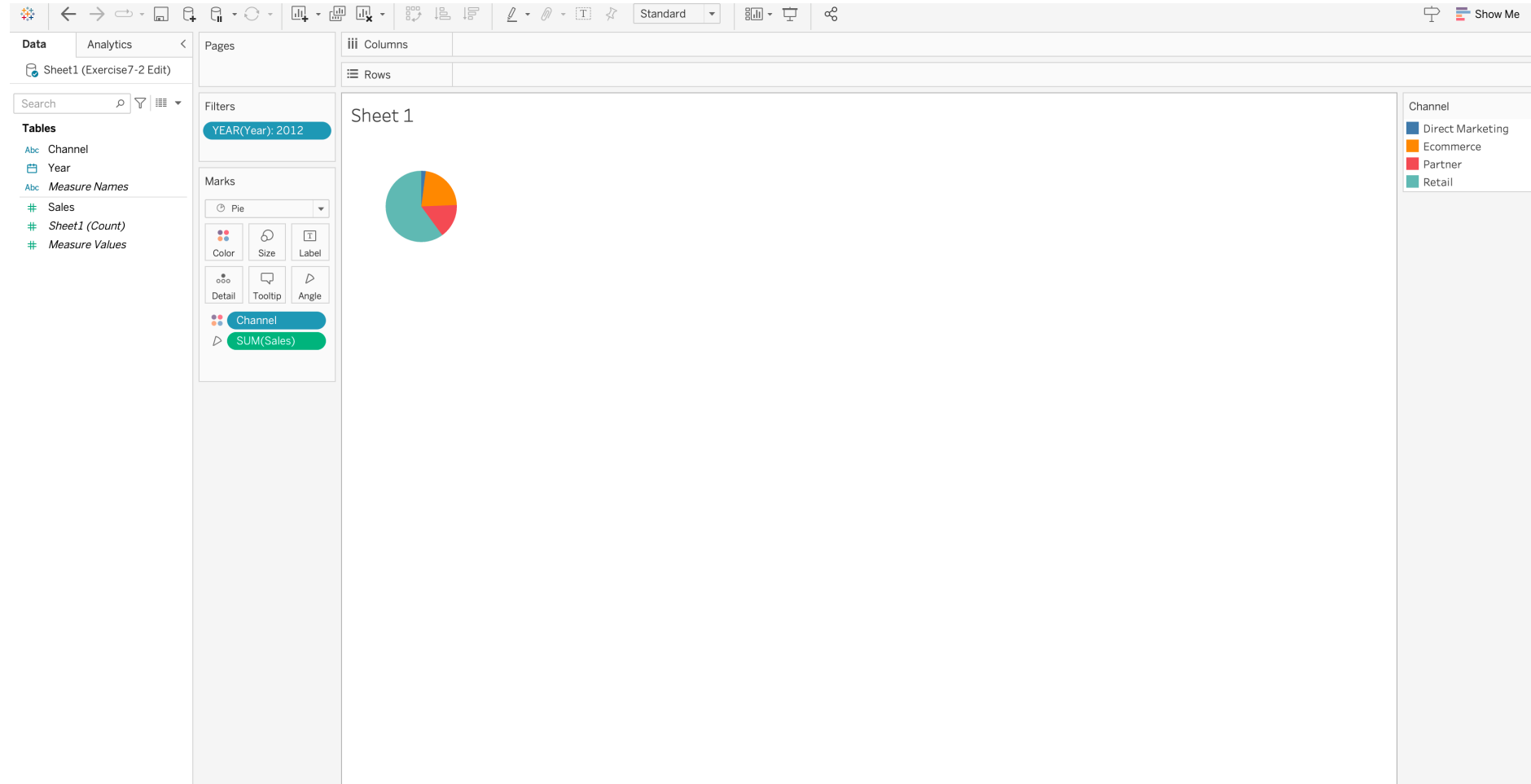
Name
Sheet1

Fields

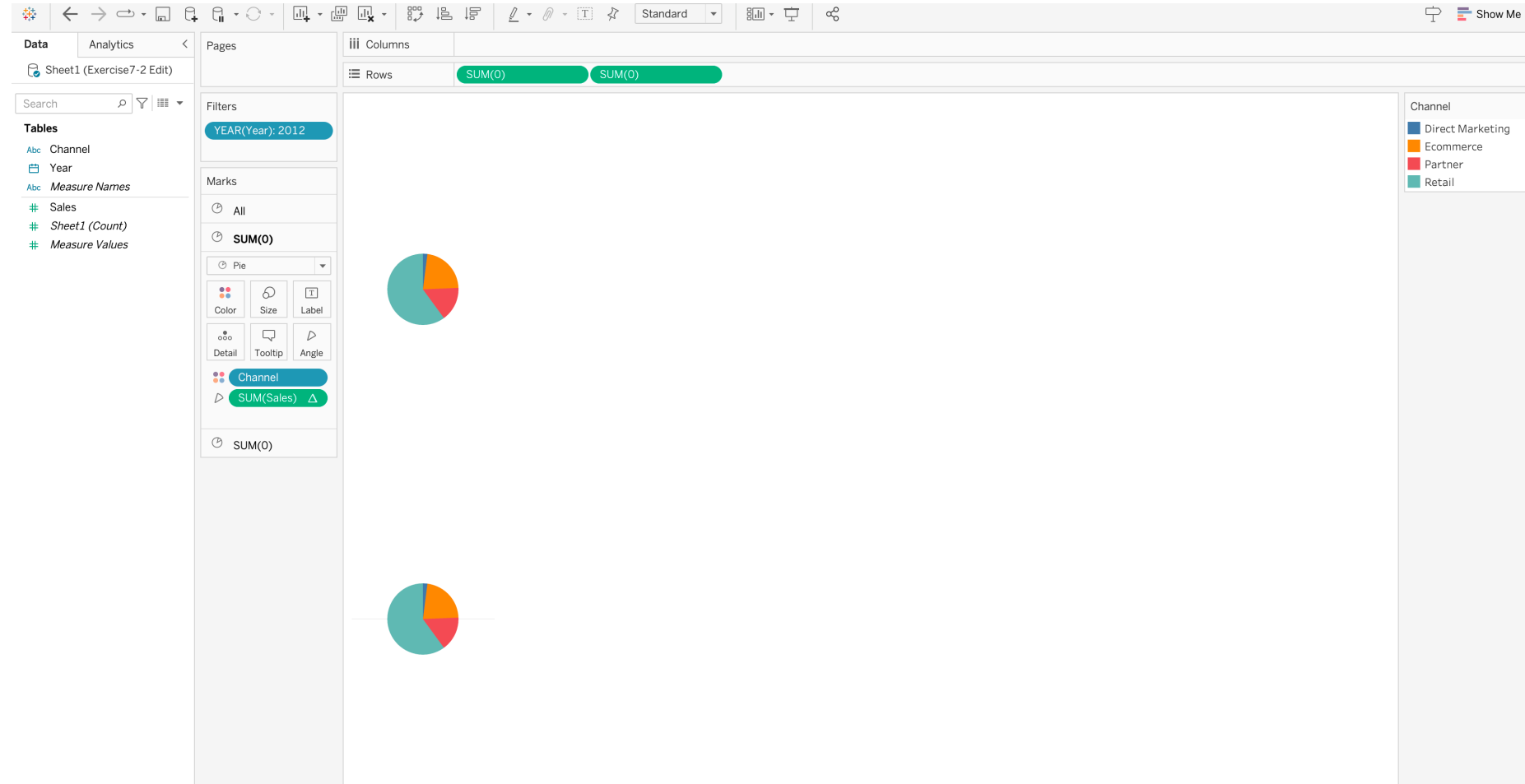
| Type | Field Name | Physical Table | Remote Field Name |
|------|------------|----------------|--------------------|
| Abc | Channel | Sheet1 | F1 |
| 📅 | Year | Pivot | Pivot Field Names |
| # | Sales | Pivot | Pivot Field Values |

| Abc Sheet1 Channel | 📅 Pivot Year | # Pivot Sales | |
|--------------------------|--------------------|---------------------|--|
| Retail | 1/1/2012 | 13,490 | |
| Retail | 1/1/2013 | 13,350 | |
| Retail | 1/1/2014 | 10,463 | |
| Retail | 1/1/2015 | 13,910 | |
| Retail | 1/1/2016 | 14,360 | |
| Retail | 1/1/2017 | 14,630 | |
| Retail | 1/1/2018 | 11,490 | |

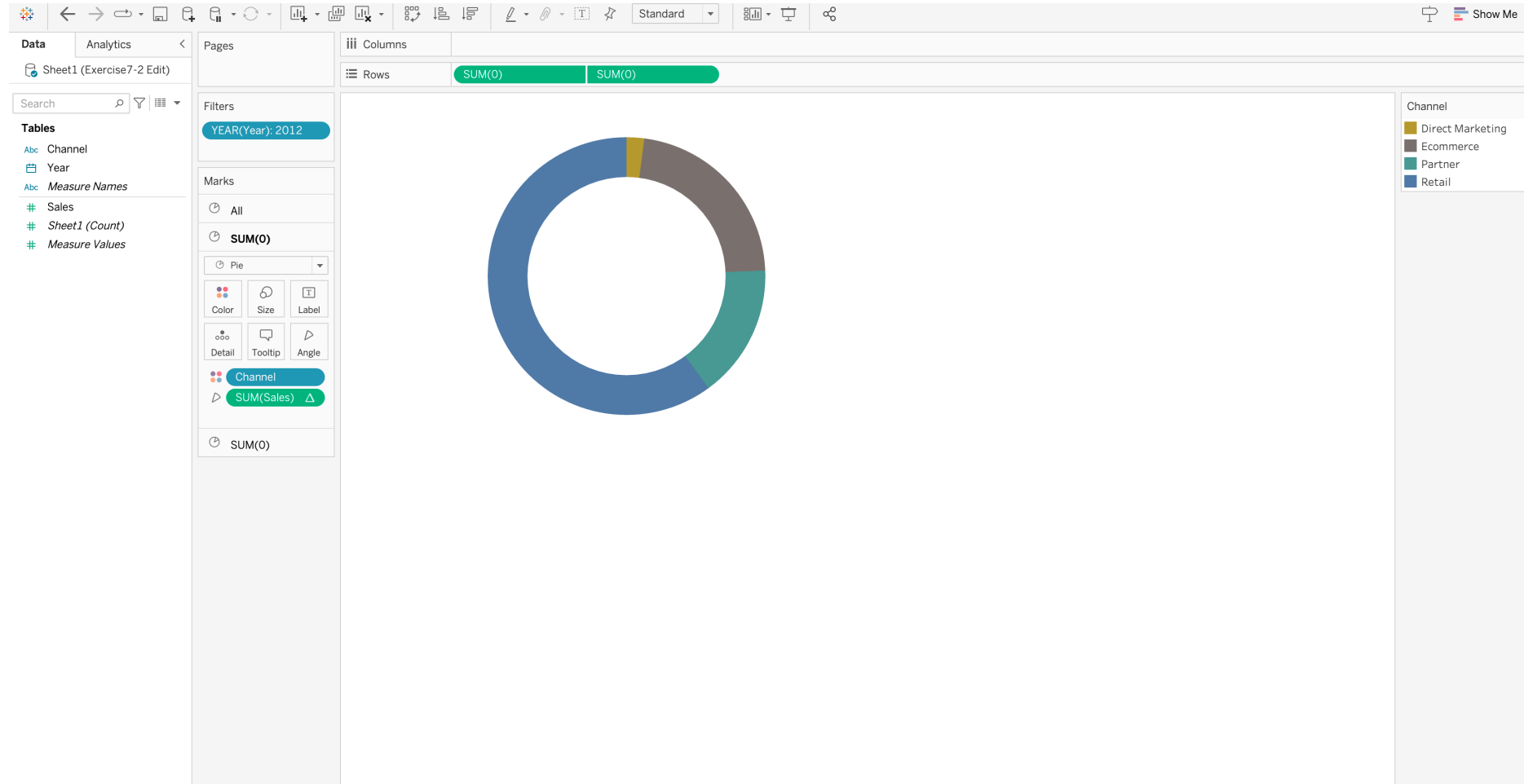
- Create Pie Chart for 2012
- Drag Year into Filter, select 2012
- Change Marks to Pie
- Drag Sales into Angle
- Channel into Color



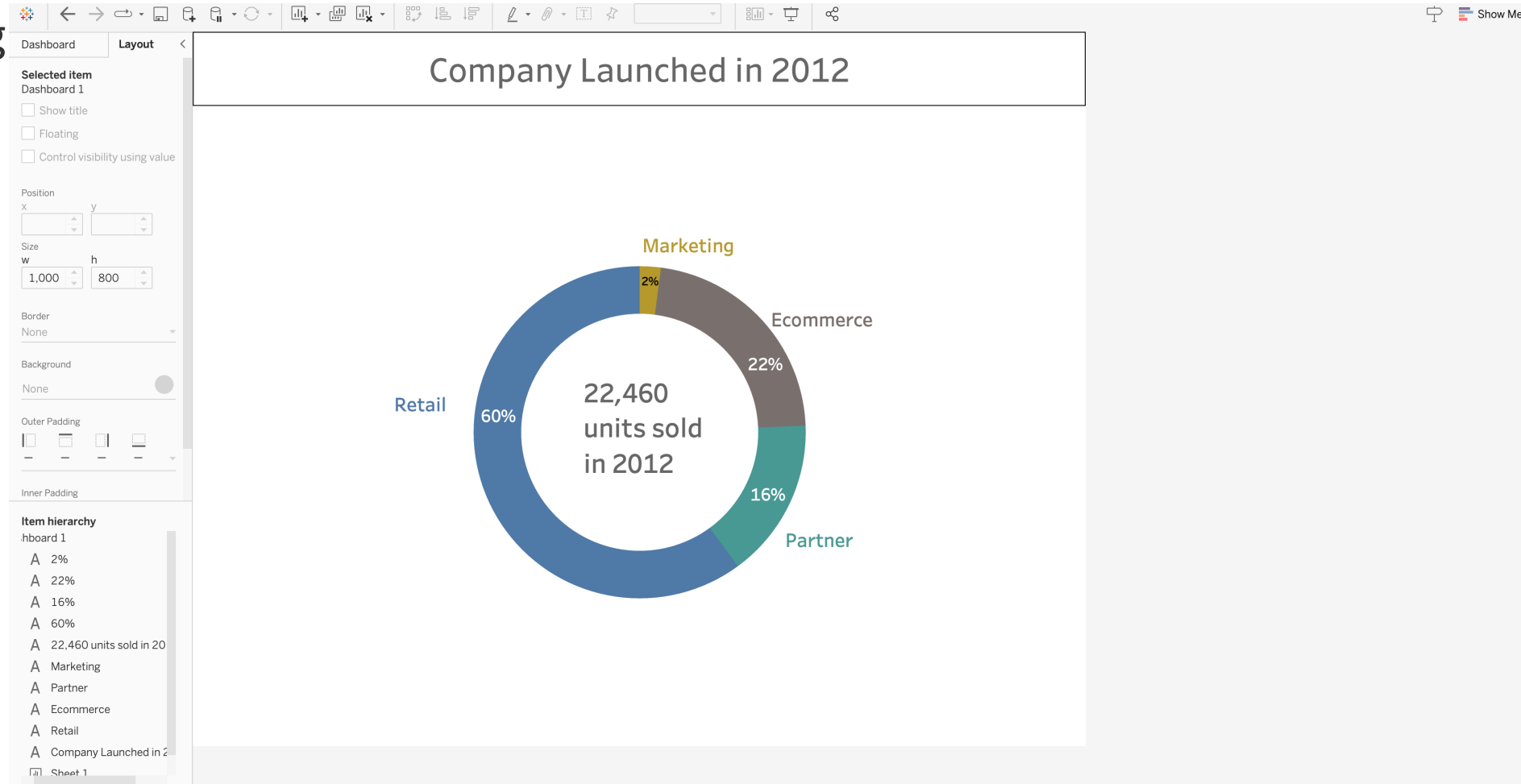
- Add Table calculation (right click Sum(Sales))
- Percent of total, compute using Cell
- Duplicate pie by adding 0 into the rows 2 times (to make a donut)
- Remove grid lines and title, uncheck show header



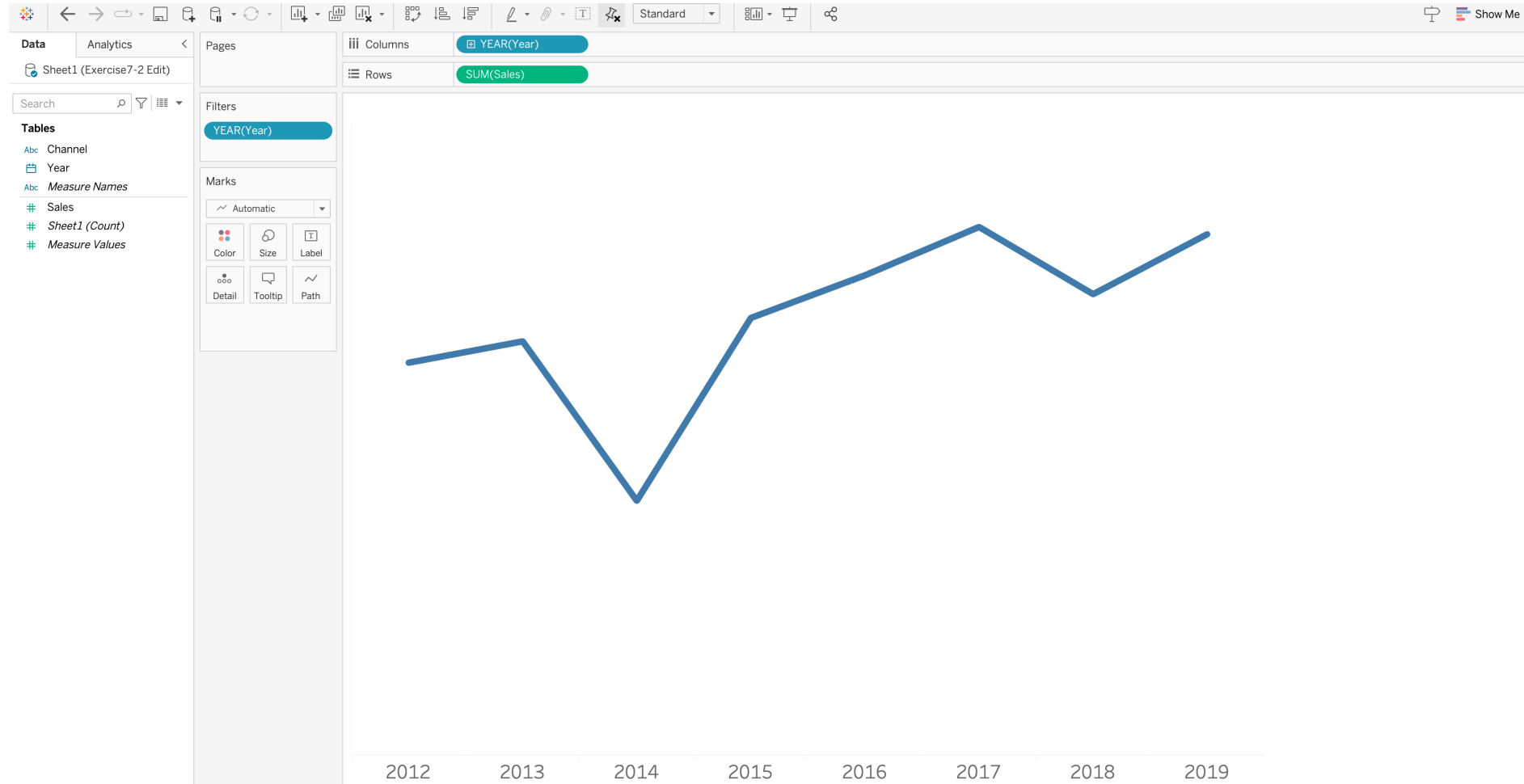
- Remove color bottom chart and make smaller
- Dual axis
- Make donut bigger
- Change colors if you want



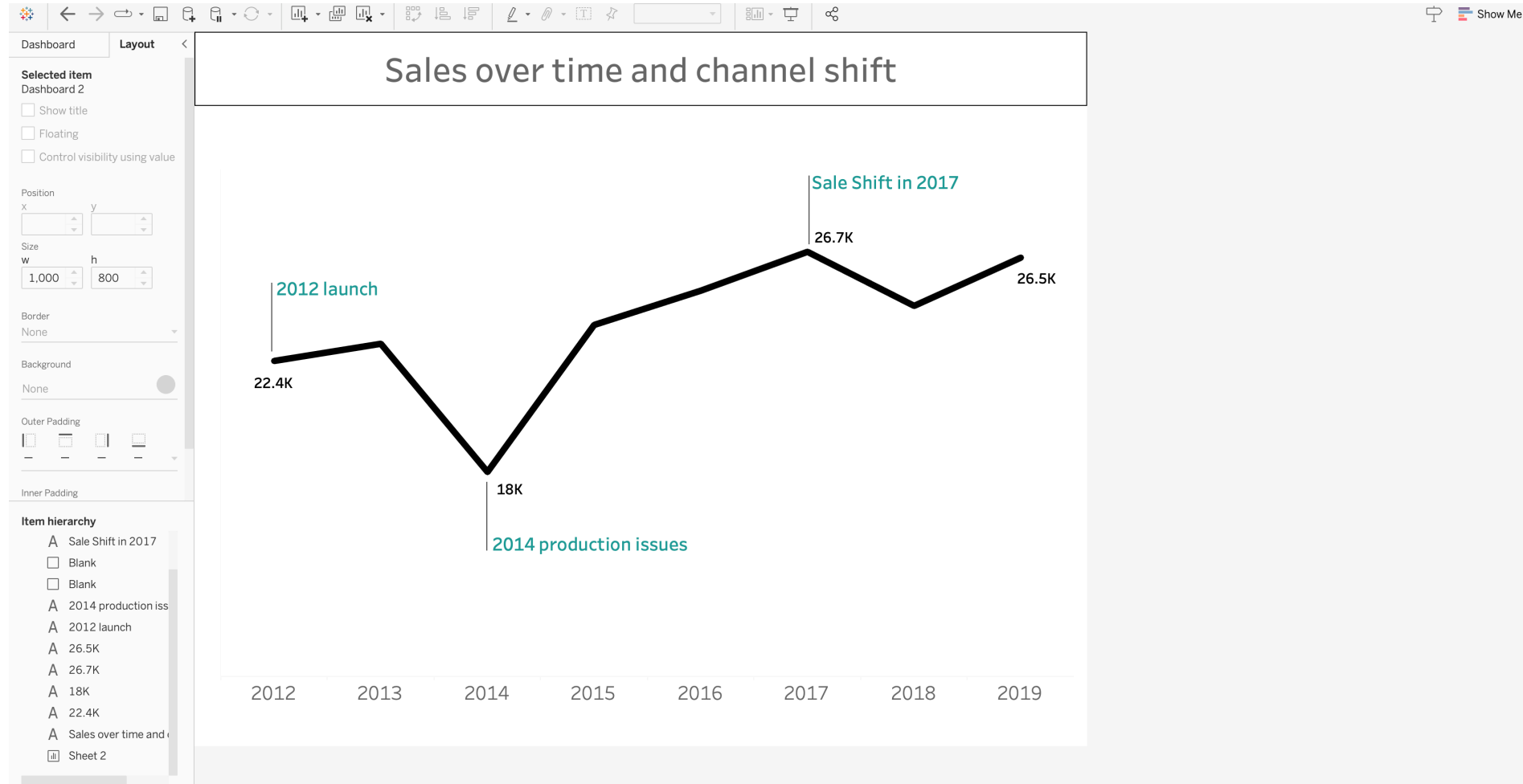
- Create 1st page using dashboard
- Add text
- Add numbers by hand
- Add legend
- Title,etc



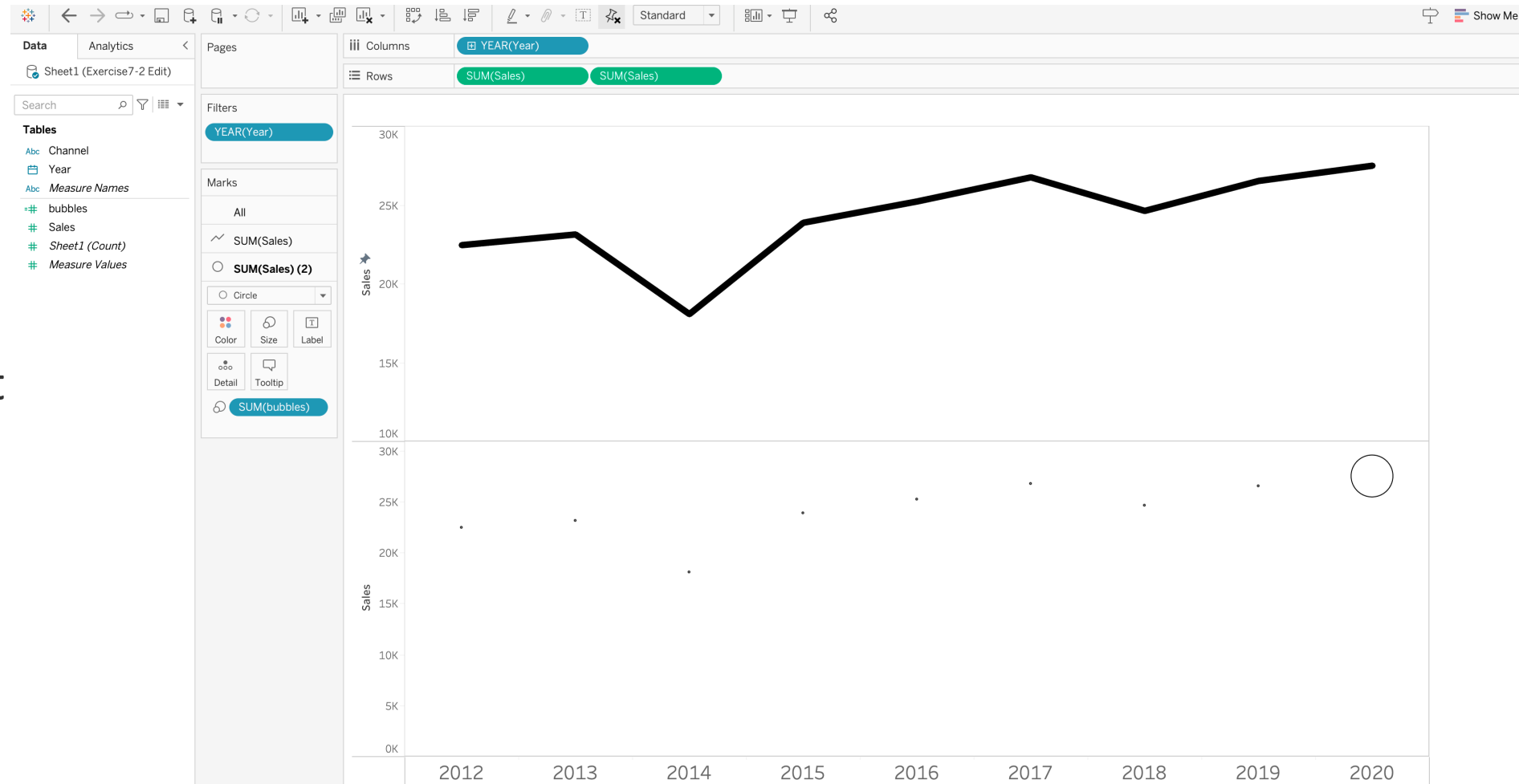
- Create new sheet
- Sales vs Years (until 2019, use filter)
- Remove grid
- Remove Title
- Increase width
- Remove axis
- Change axis range
- Increase size for years



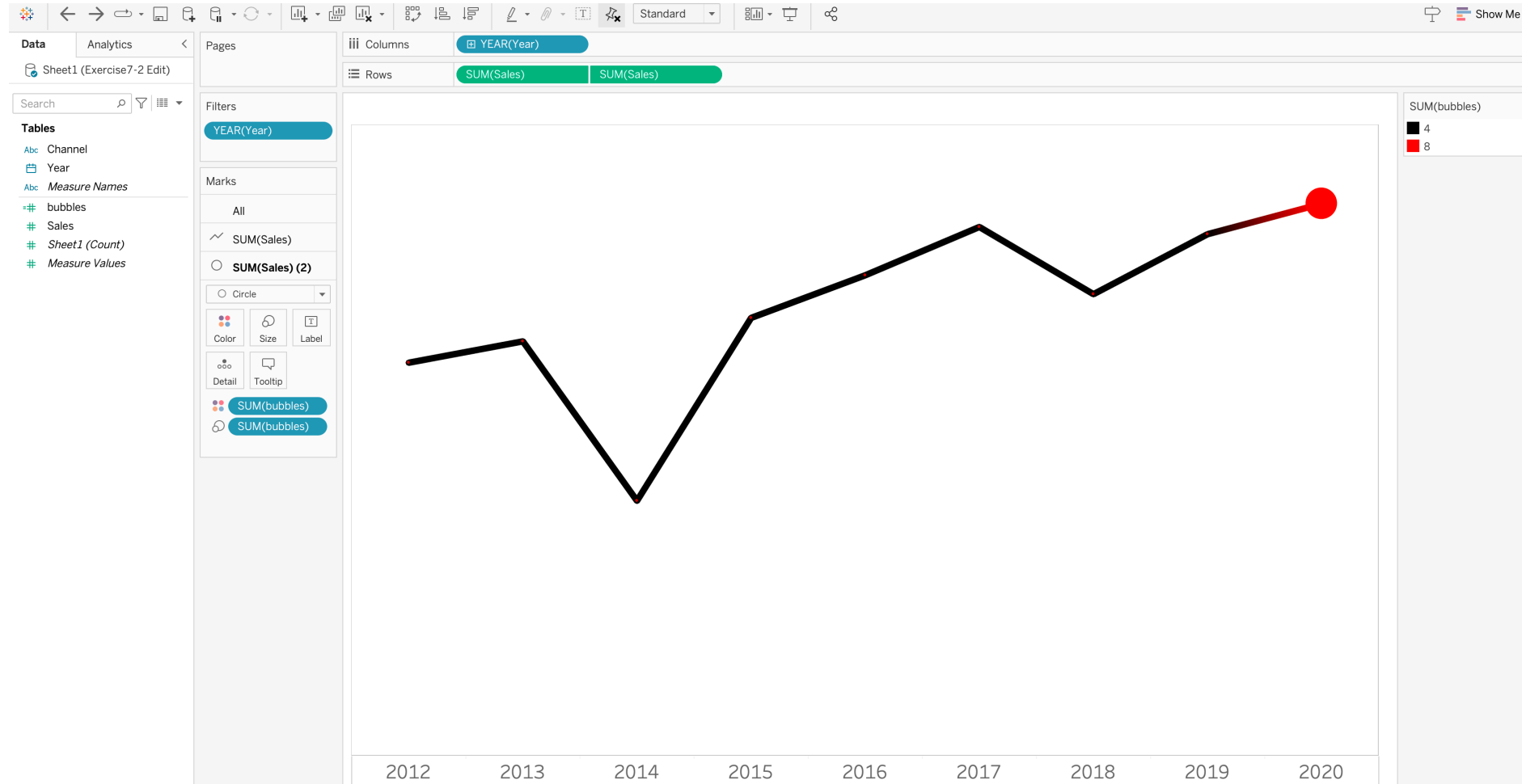
- Create 2nd page as dashboard
- Add title
- Change color
- Add annotations
- Add some numbers
- Use same size dashboard



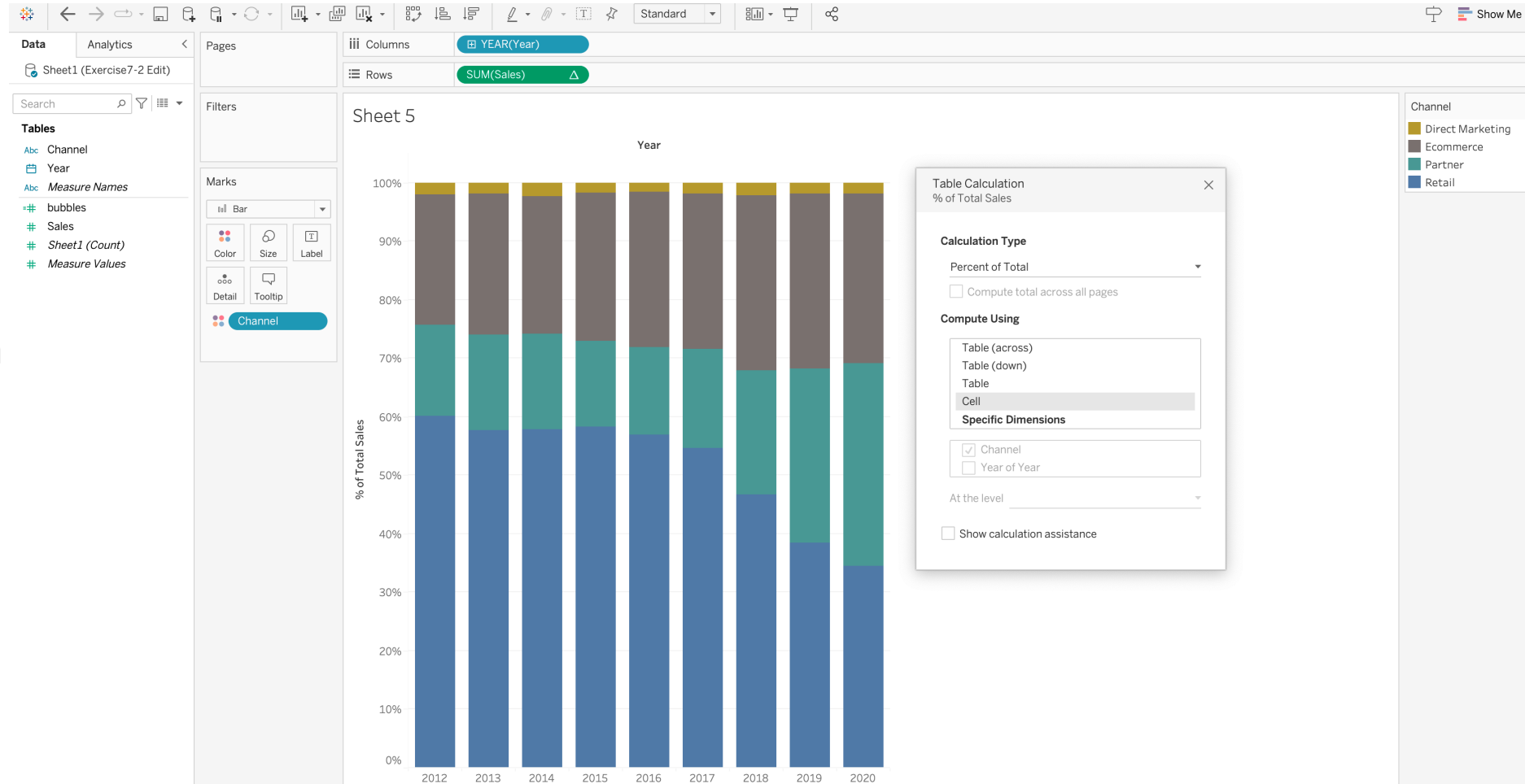
- Duplicate time series worksheet to add 2020 prediction
- Remove 202 from filter
- Duplicate axis (twice Sales on Rows)
- Change bottom chart to circle, white circle, black border
- Create calculated field IF [Year] > DATE("2019-12-31") THEN 2 ELSE 1 END
- Change to discrete
- Drag to sizes
- Edit sizes



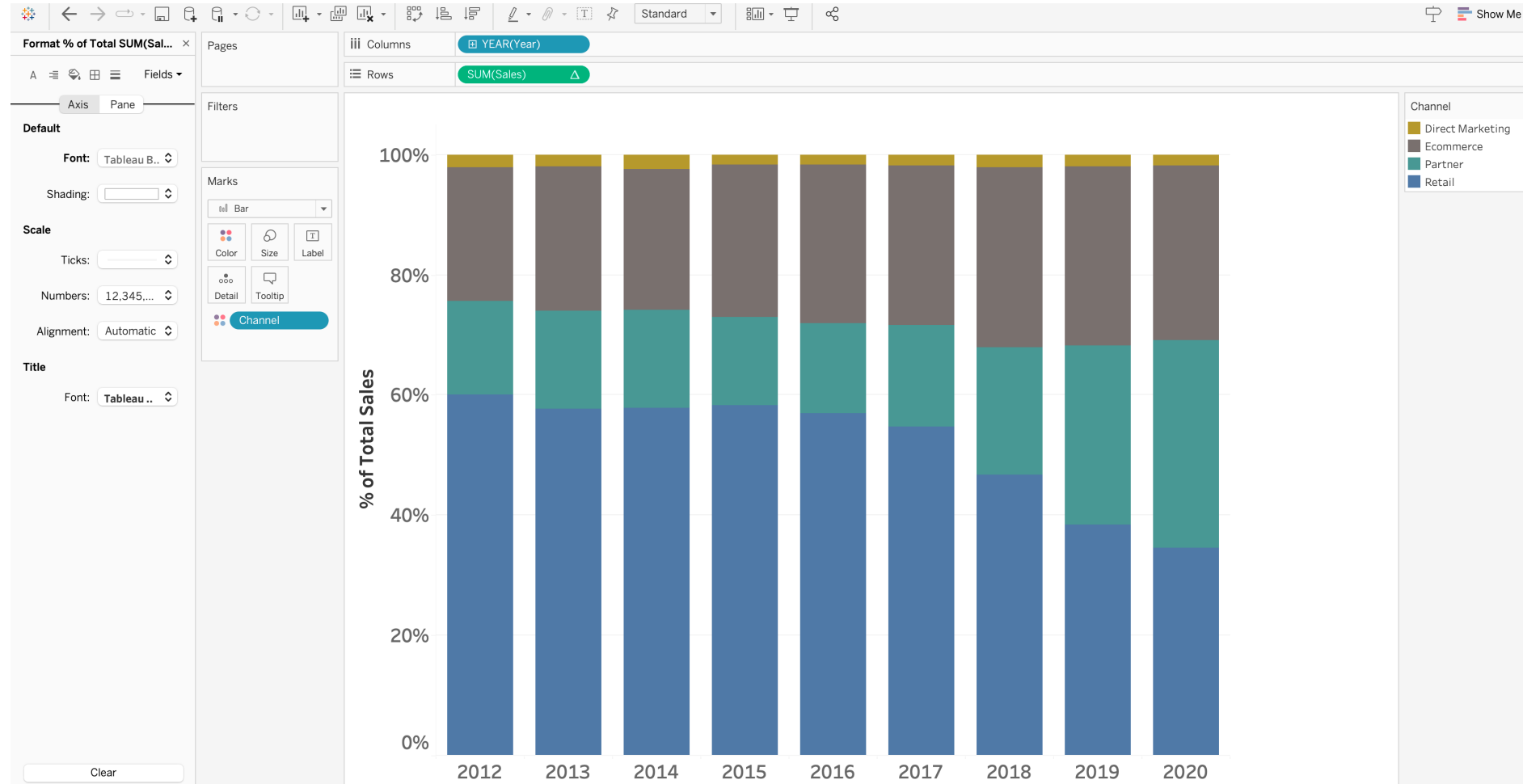
- Dual Axis
- Sync Axis
- Uncheck show headers
- Change colors by calculated field
- Save for 3rd page dashboard



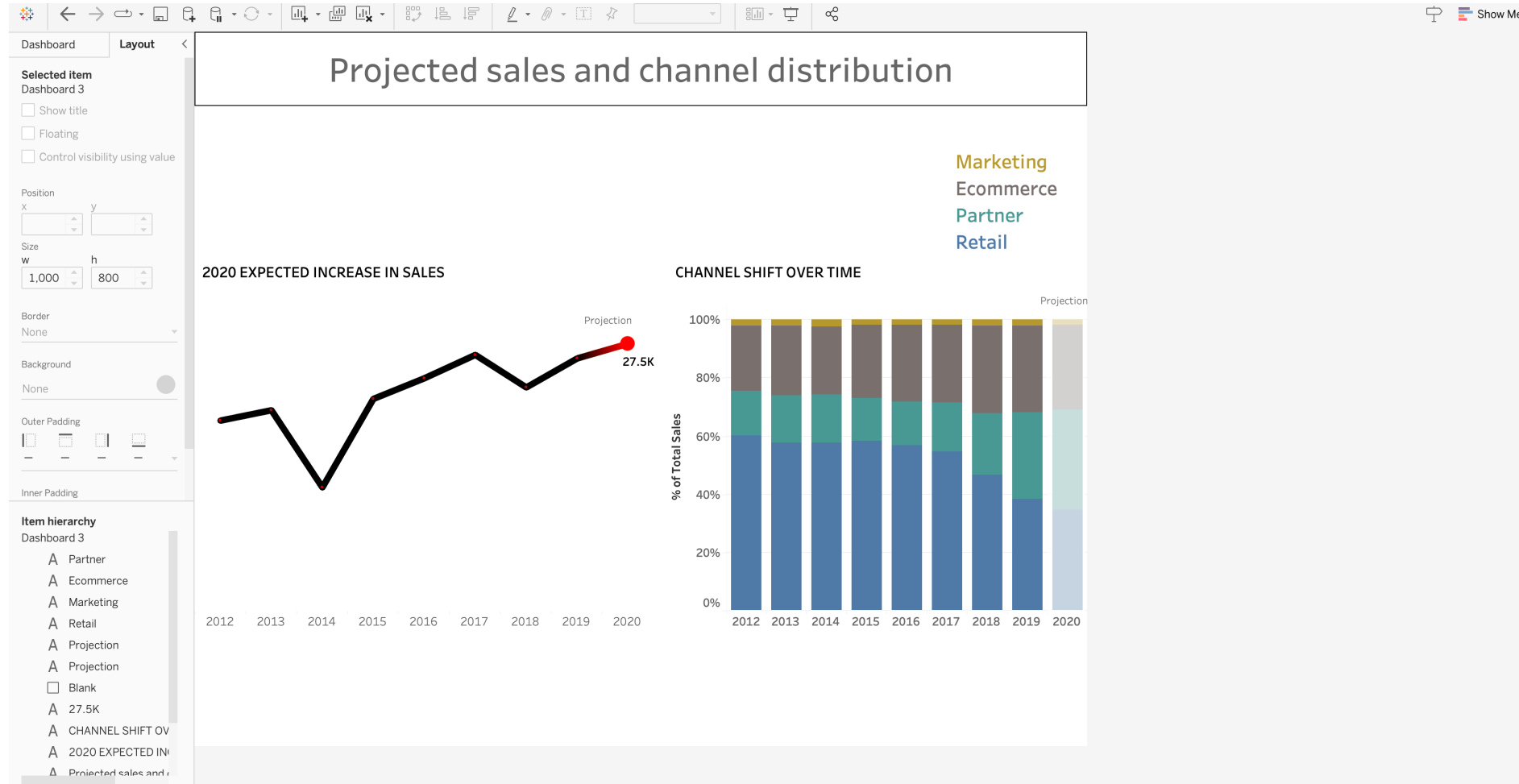
- New sheet for stacked bar
- Years into Columns
- Sales into Rows
- Channel into colors
- Add Table calculation on sales (Percent Total Using Cell)



- Change size of axis
- Title
- Change tick Marks (0.2)



- Create 3rd page dashboard
- Add 2 charts
- Title
- Annotations
- Transparency block
- Legend



- Create story
- Add 3 dashboards
- Remove title
- Under Layout use dots
- Export 3 story pages as images and submit ALL 3 images

