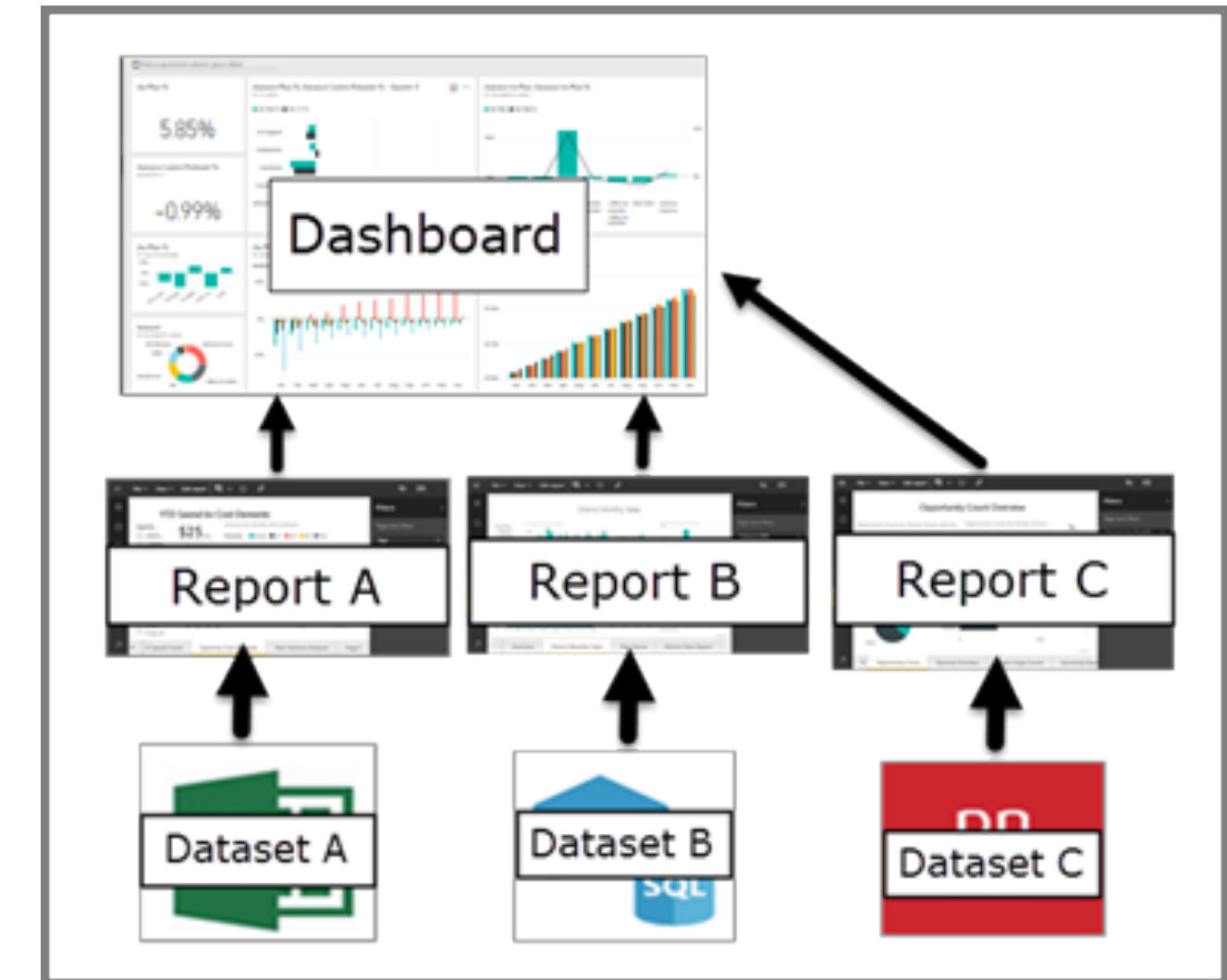


# DASHBOARD

*Dashboards can be used to monitor a business, to look for answers, and to see all of the most-important metrics at a glance.*



- > Often consists of a **single page** (called a **canvas**)
- > Visualizations draw on data from multiple sources

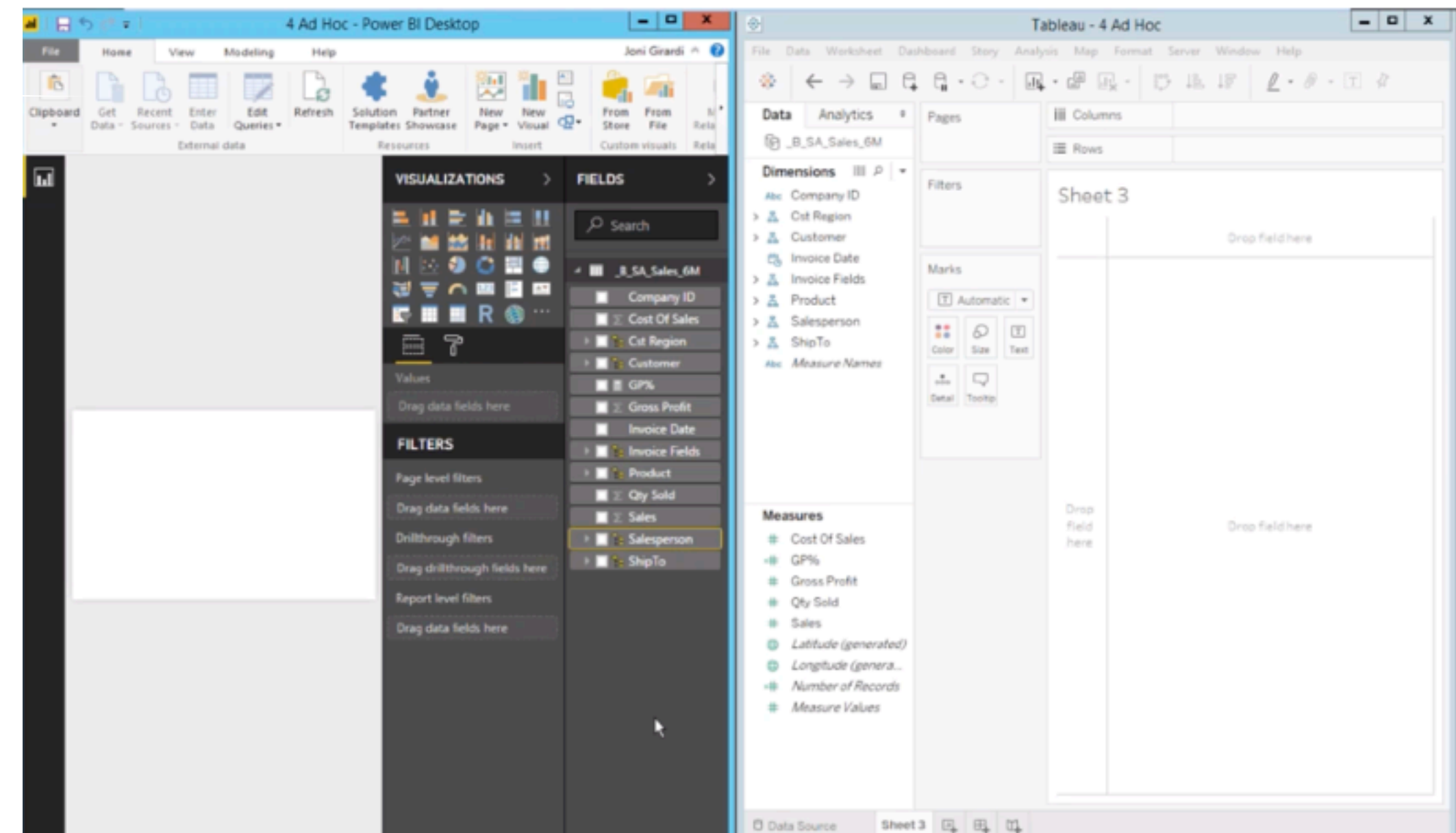
- > Data may come from reports where each report is based on one specific dataset
- > Microsoft Power BI: one way to think of a dashboard is as an entryway into the underlying reports and datasets since selecting a visualization takes you to the report (and dataset) that was used to create it.

# AD-HOC REPORTS

- > Answer specific business questions with queries (e.g. with **SQL**) to the data as the „occasion requires”

```
USE AdventureWorks2012;
GO
SELECT *
FROM Production.Product
ORDER BY Name ASC;
-- Alternate way.
USE AdventureWorks2012;
GO
SELECT p.*
FROM Production.Product AS p
ORDER BY Name ASC;
GO
```

- > Modern BI user interfaces allow the creation of ad hoc reports by selecting and combining different dimensions and measures (without having to use SQL)



- > left: Microsoft Power BI, on the right: Tableau