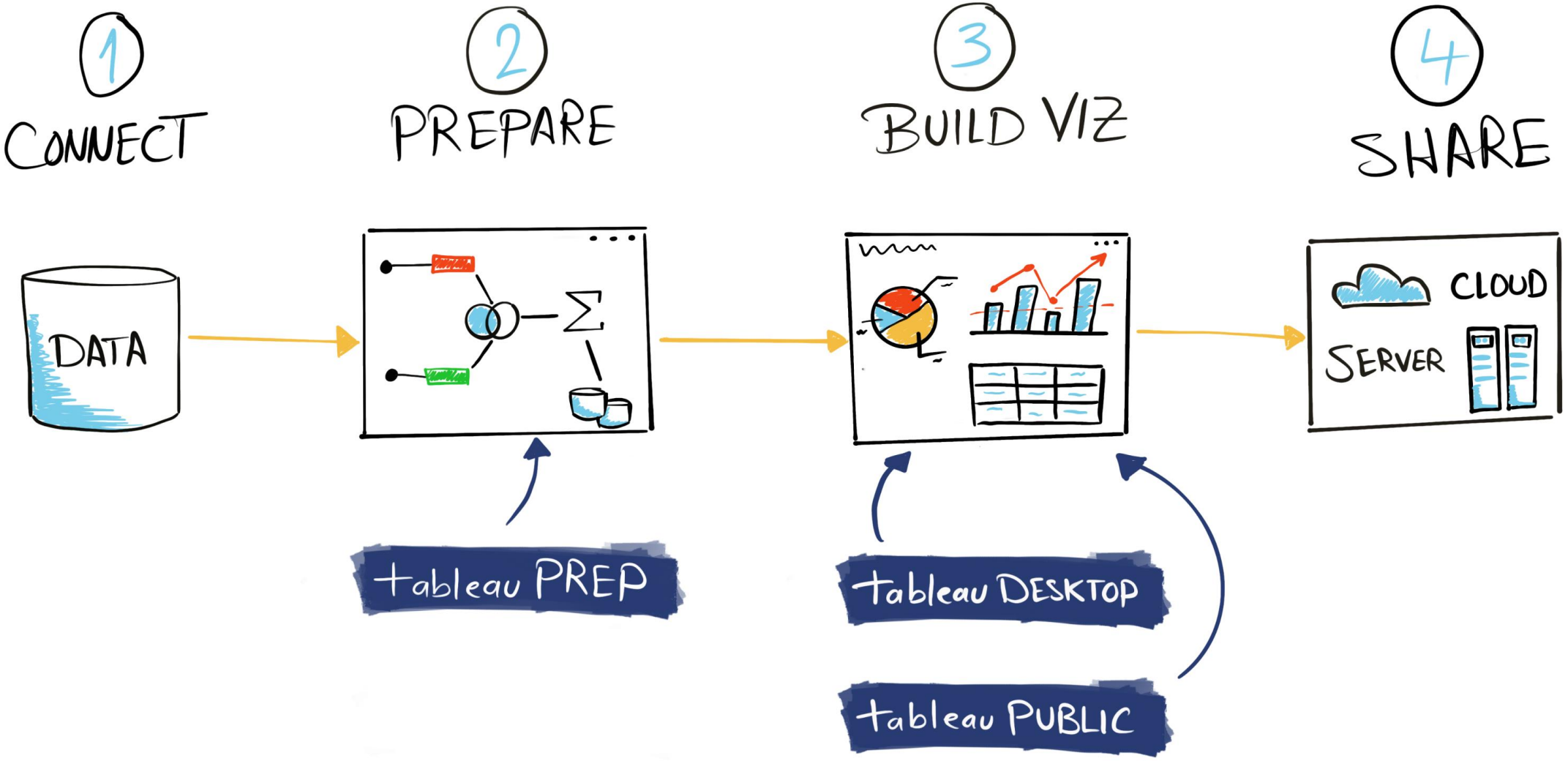
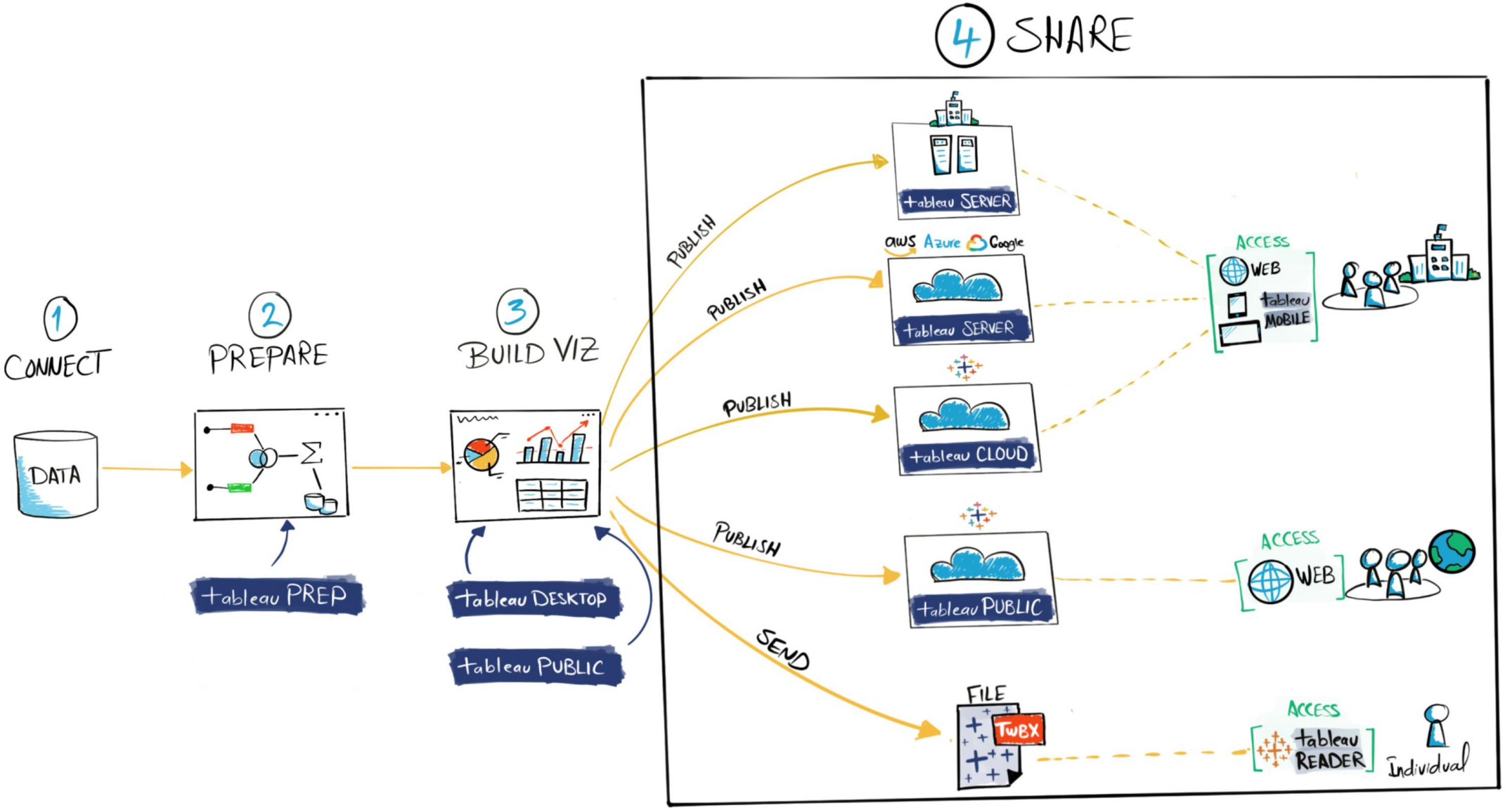
# DEVELOPEMENT PROCESS

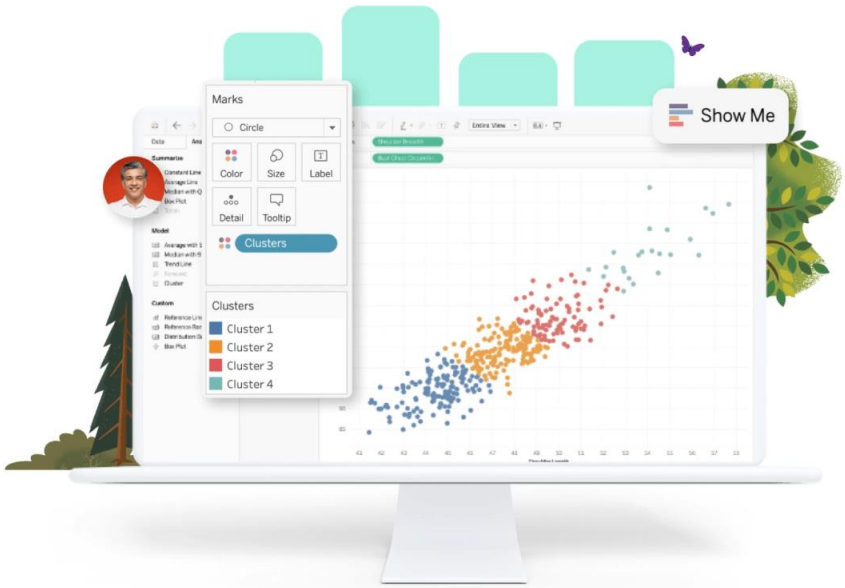


# SHARING PROCESS



# Tableau Desktop

"Backbone Product of Tableau"




Developer tool for data visualization

- Connect data
- Build views, dashboards, stories
- Publish workbooks & data sources

Requires a license

90 Data connectors

Publish

- Tableau Server
- Tableau Cloud
- Tableau Public (cloud)

No Limitations

For Data scientists & Data analysts

# Tableau Public

"Free Version of Tableau Desktop"

Developer tool for data visualization

- Connect data
- Build views, dashboards, stories
- Publish workbooks & data sources

Free Tool

4 Main Limitations

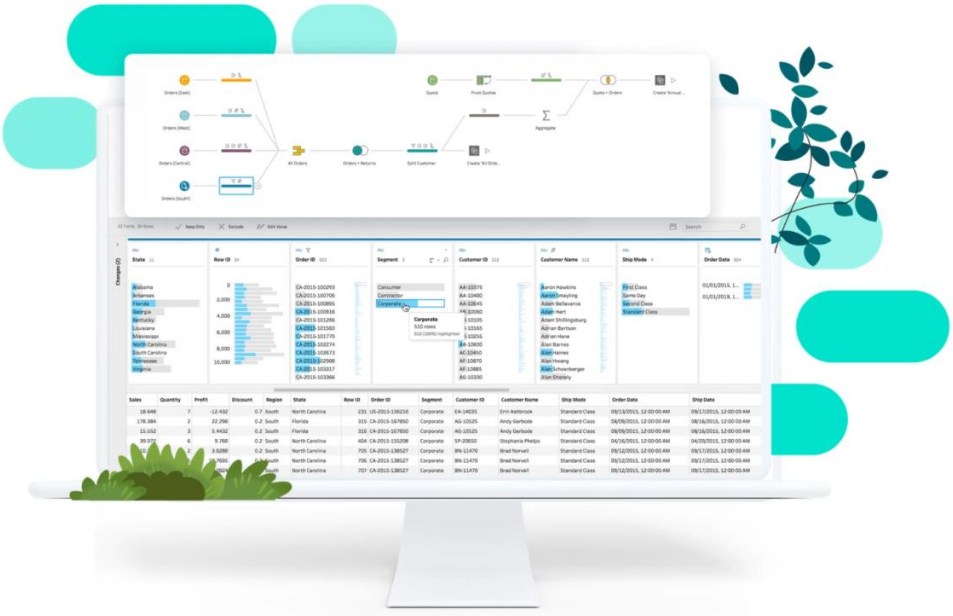
- 10 Data connectors (only local files)
- Limited to 15 Million rows
- Publish to only Tableau Public (cloud)
- Can't save locally

All tools & functions to build Viz are available!

For Everyone

# Tableau Prep

## "Data Engineering Tool"



Developer tool for data engineering

- Connect data
- Build flows (clean, combine, aggregate ... etc)
- Publish flows & data sources

Requires a license

90 Data connectors

Output

- File
- Tableau Data Source
- Database Table

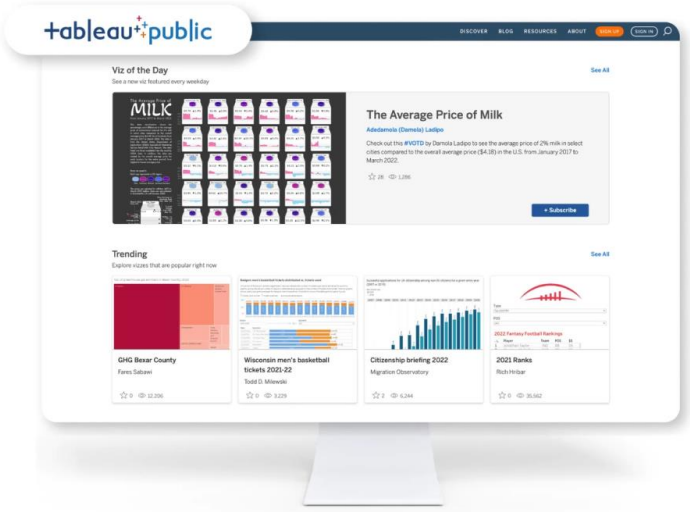
Publish

- Tableau Server
- Tableau Cloud

No public (free) version available.

# Tableau Public Cloud

*"Social Media of Tableau"*




Sharing tool for data visualization

Free Cloud Service from Tableau

Platform

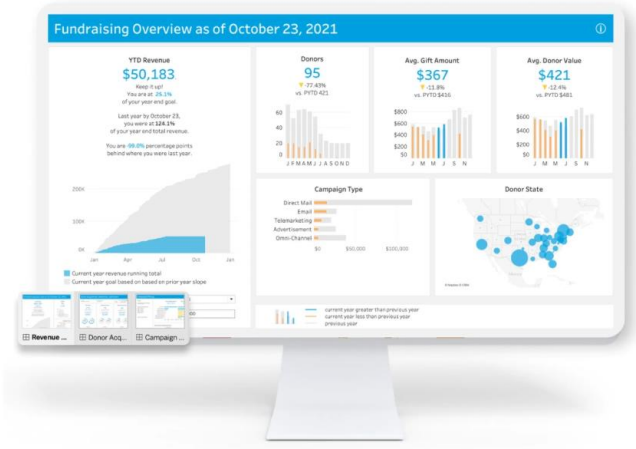
- Inspiring
- Connecting to other developers
- Sharing your skills

Main Limitations

- Limited to 10 GB for each account
- No connection to sources
- No Security features

# Tableau Reader

*"Free Tool to view Vizzes"*




Sharing tool for data visualization

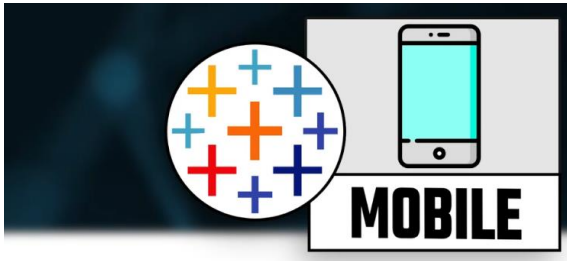
Free Tool

Only to view visualization

Main Limitations

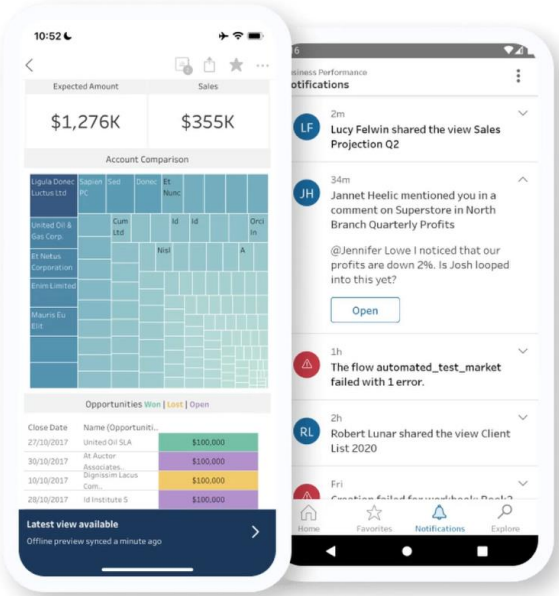
- Can't build visualization
- Can't Refresh Data
- No Security features

Don't recommend using it in organization




# Tableau Mobile

*"Access Vizzes from anywhere"*




Only to view visualization

Cant use it to build data visualization

Free App to download

Require a licence to use

Connect to

- Tableau Server
- Tableau Cloud

Cashing Dashboards for offline access

# HOSTING | ON-PREM

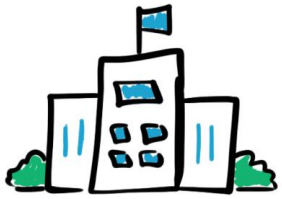
DATA WITH BARAA

PROJECT
- USER ACCESS
- SCHEDULE — TASK
- JOB MONITORING

SOFTWARE
- OPERATING SYSTEM — WINDOWS, LINUX
- APPLICATIONS — tableau SERVER

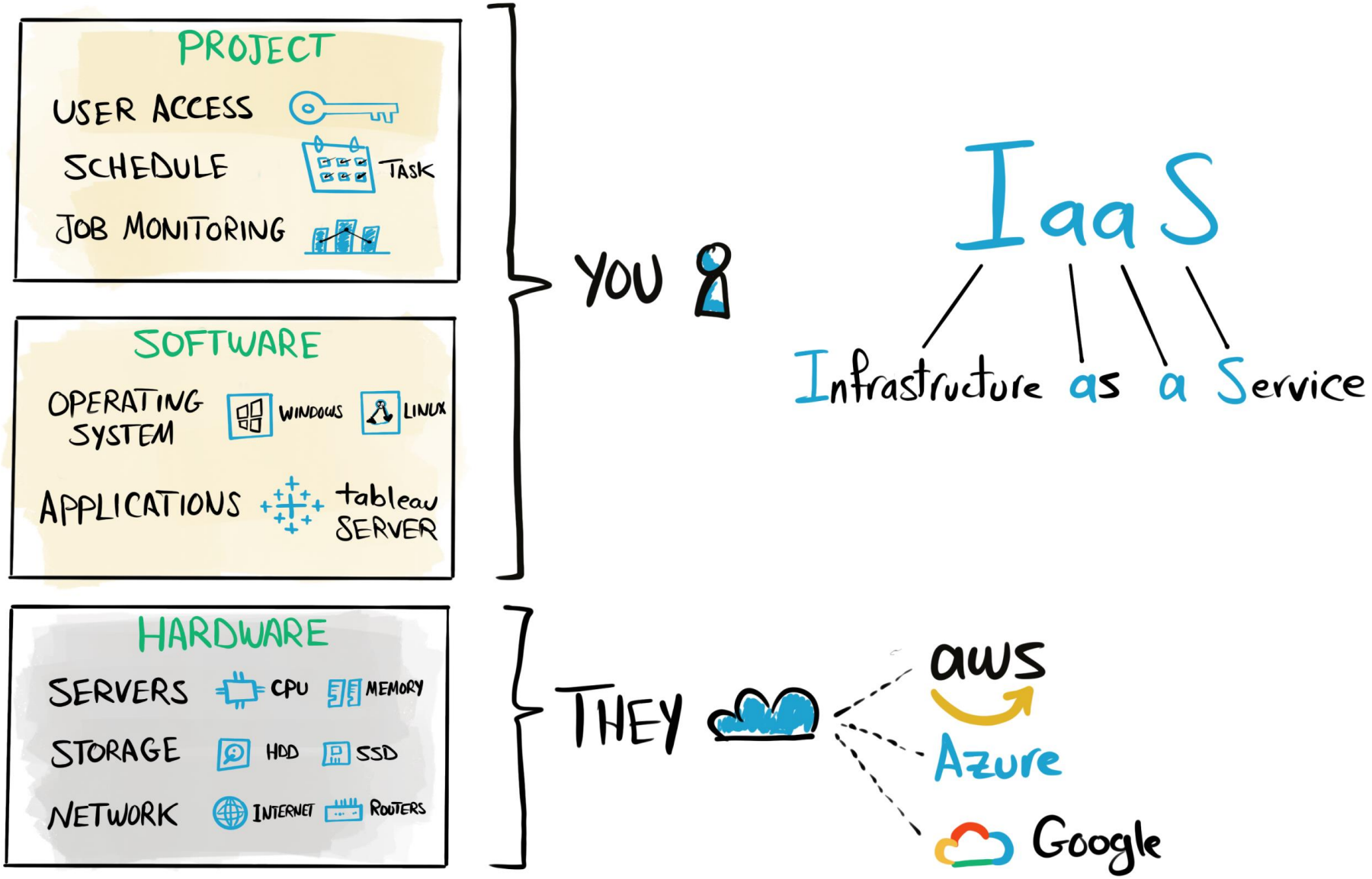
HARDWARE
- SERVERS — CPU, MEMORY
- STORAGE — HDD, SSD
- NETWORK — INTERNET, ROUTERS

YOU

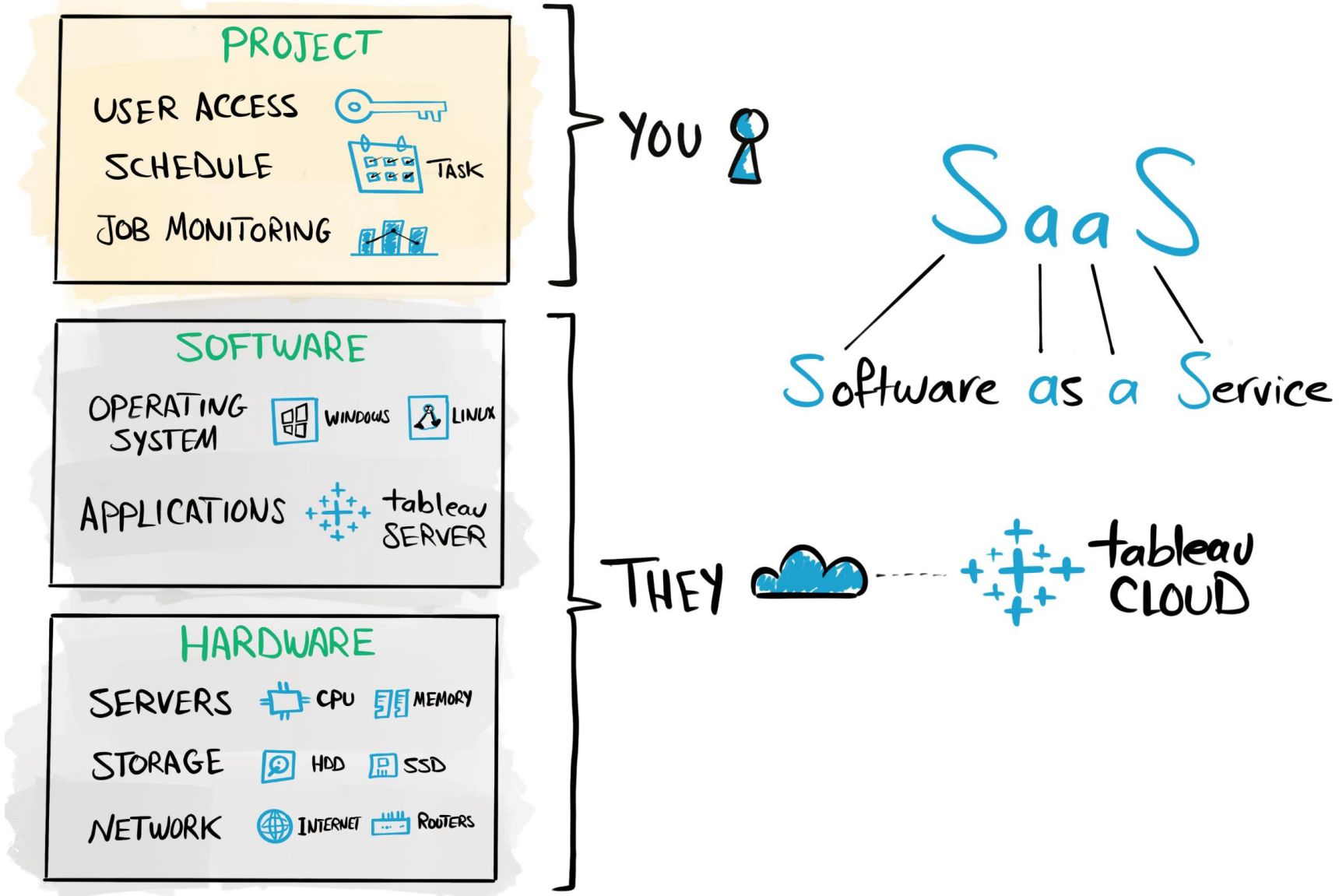


ON-PREM

# HOSTING | IaaS



# HOSTING | SaaS



# Dev Products Comparison

| | On-Prem | IaaS | SaaS |
|---|---|---|---|
| **Hosting** | SERVER | aws SERVER | CLOUD |
| **Hardware** | YOU | THEY | THEY |
| **Software** | YOU | YOU | THEY |
| **Project** | YOU | YOU | YOU |
| **PROS** | Full Control | Flexibility | Focus on Core Business |
| | Data behind Firewalls | No Upfront Costs | Always Up-To-Date |
| **CONS** | High Upfront Costs | Software Administration | Loss of Control |
| | Inflexibility | Unexpected costs | Potential Networking Issue |

# Dev Products Comparison

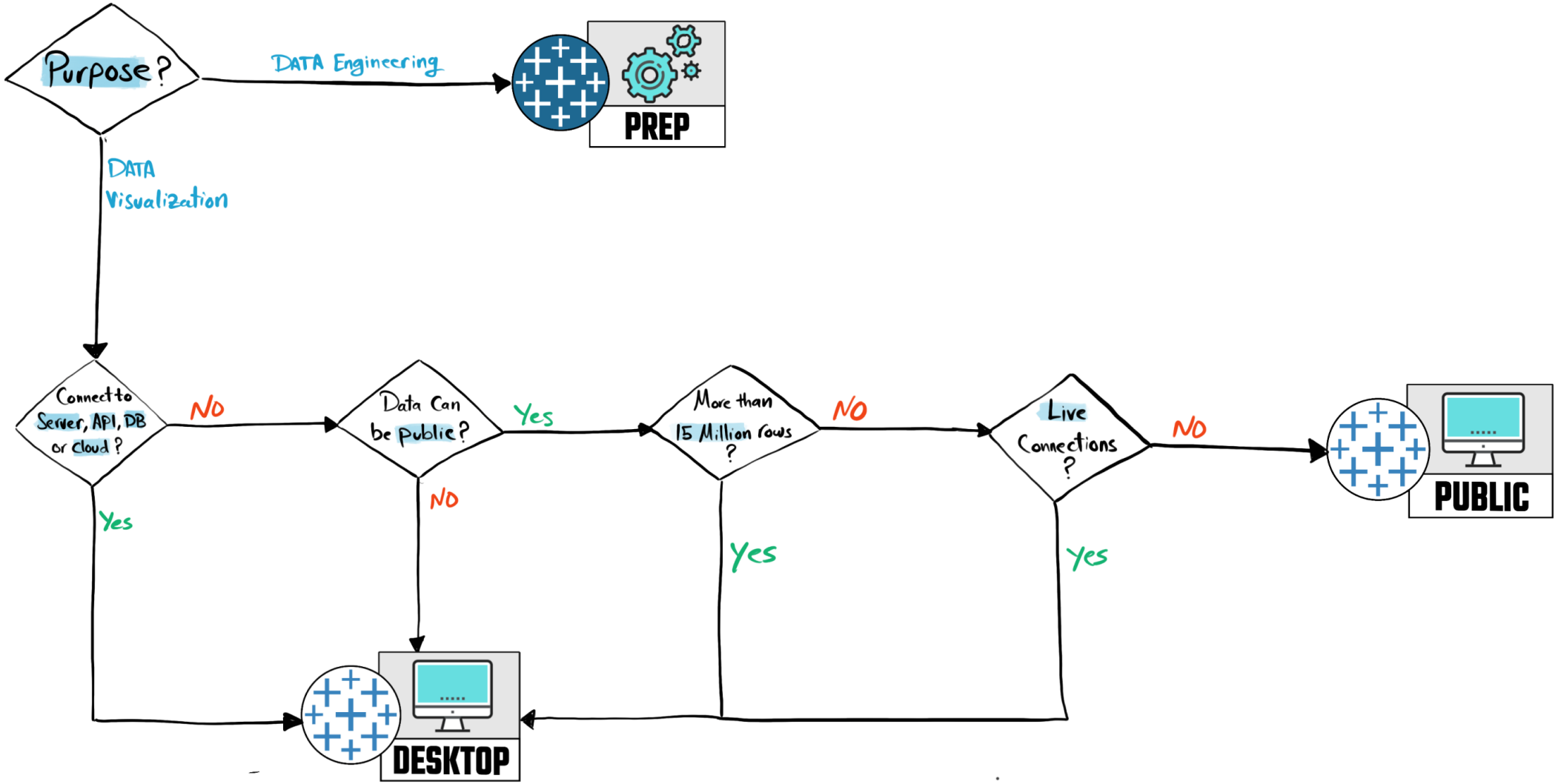
| | DESKTOP | PUBLIC | PREP |
|---|---|---|---|
| **Purpose** | Data Visualization | Data Visualization | Data Engineering |
| **Costs** | | FREE | |
| **Security** | | | |
| **Data Limit** | No Limit | 15 Million Rows | No Limit |
| **Connectors** | API | | API |
| **Live Con.** | ✓ | ✗ | ✓ |
| **Store Locally** | ✓ | ✗ | ✓ |
| **Audience** | Data Scientists & Analysts | Everyone | Data Engineers |

# Sharing Products Comparison

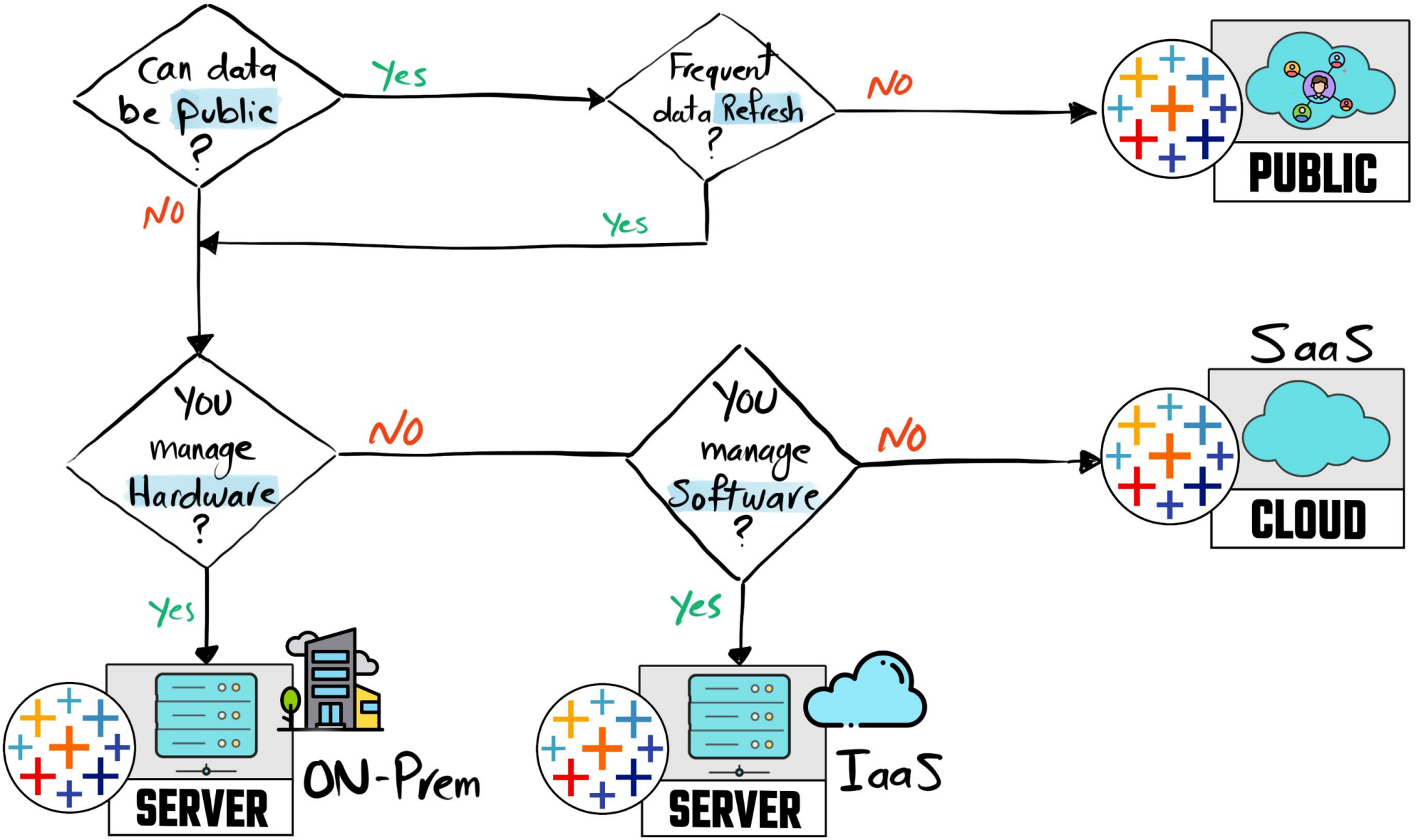
DATA WITH BARAA

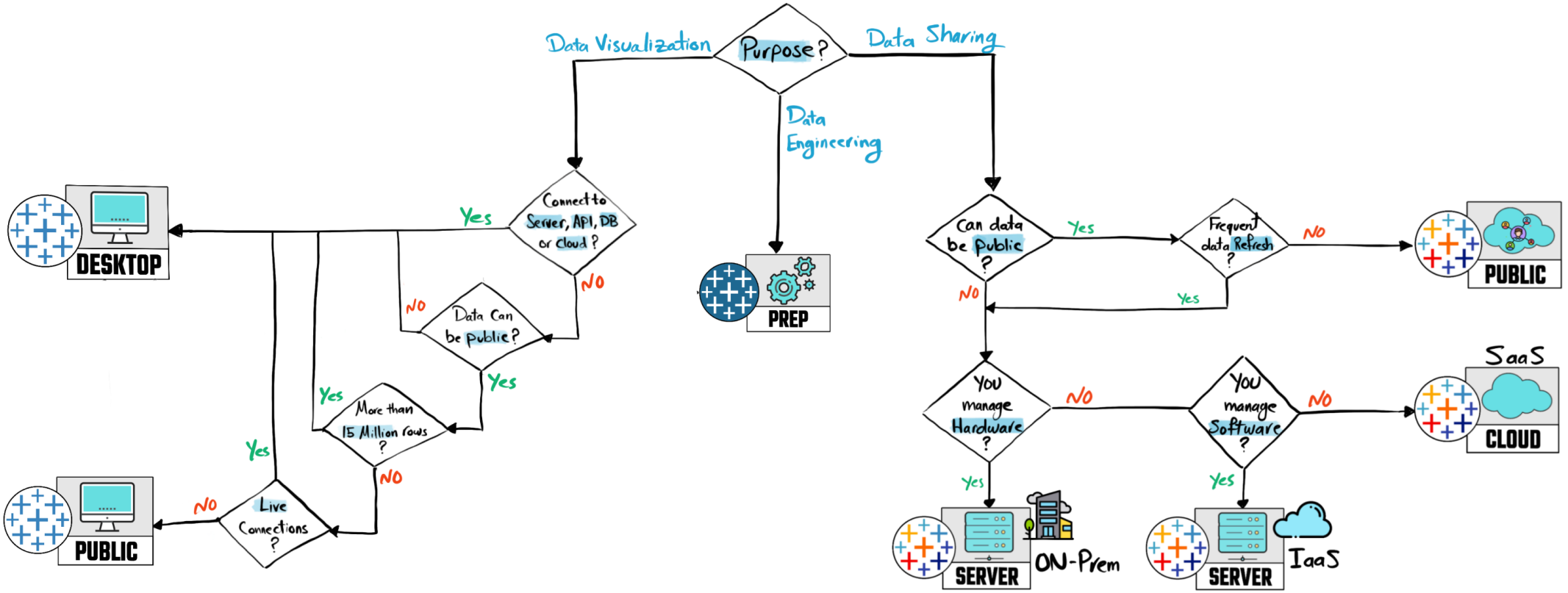
| | SERVER | CLOUD | PUBLIC | READER |
|---|---|---|---|---|
| Project | | | | |
| Software | | | FREE | FREE |
| Hardware | | | | |
| Storage Limit | Server Disk Space | No Limits | 10 GB | No Limits |
| Connectors | | | | |
| Automation | | | | |
| Mobile | | | | |
| Sharing | | | | |

# Choose Right Dev Product



# Choose Right Sharing Product



# Choose Right Tableau Product

DATA WITH BARAA