



easyBI

Basic Training

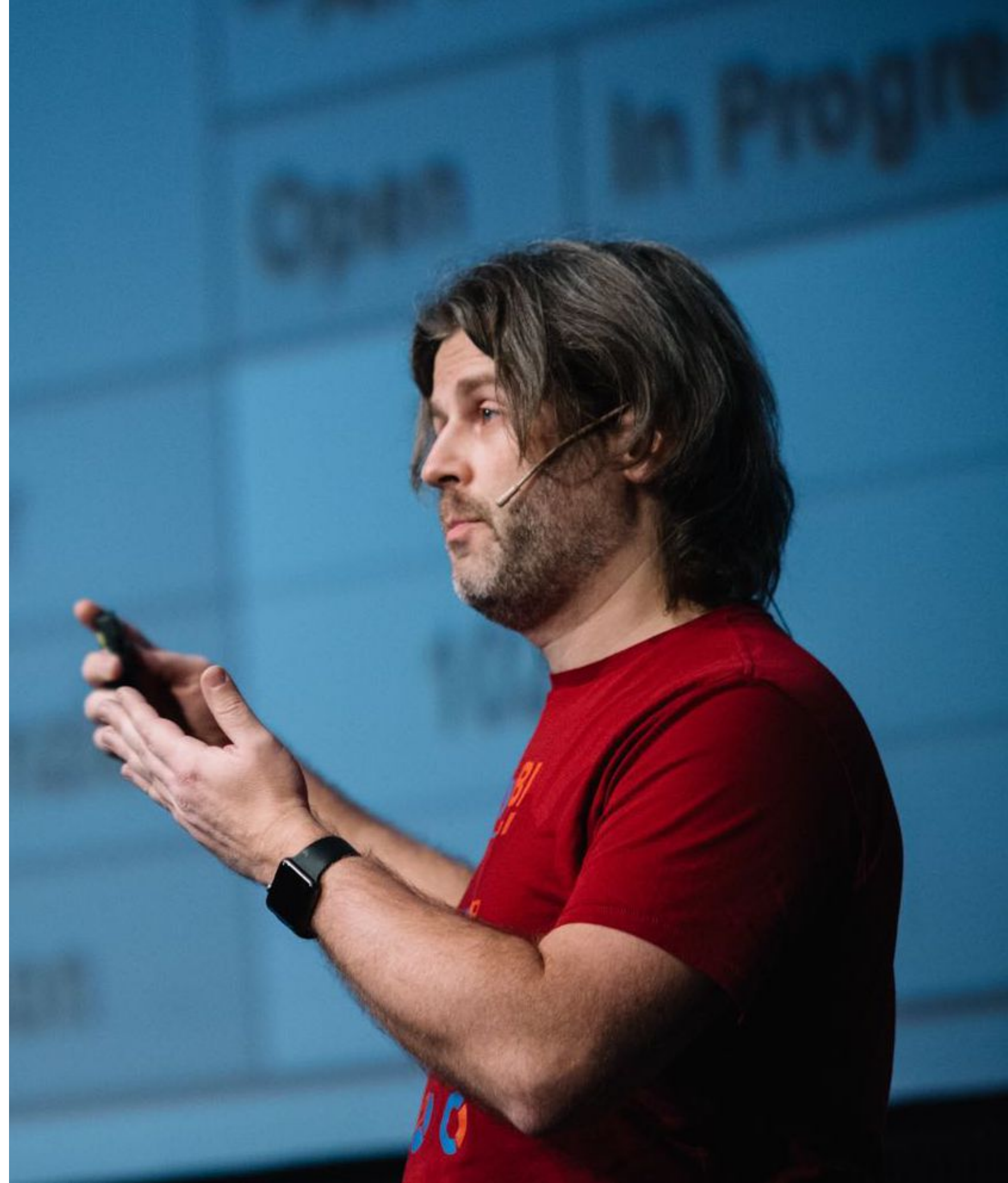
Raimonds Simanovskis & Zane Baranovska



**Berlin,
16.02.2018**

Raimonds Simanovskis

“Probably the first eazyBI user”






Zane Baranovska

”Start simple and then dig deeper”

Agenda (9:00 - 12:00)

- **What is eazyBI?**
- **eazyBI data model**
- **Jira data import**
- **Building reports and dashboards**
- **eazyBI gadgets in Jira dashboards and
Confluence pages**

A top-down view of a person's hands typing on a laptop keyboard. The laptop screen displays a business intelligence dashboard with various charts, including a line graph and a bar chart. The desk is cluttered with office supplies: a calculator, a pen holder with several pens, a ruler, paper clips, a pair of glasses, a notebook, and a cup of coffee. The overall scene is dimly lit, suggesting an office environment.

**easyBI is a powerful
business intelligence tool
for data analysis and
visualisation**

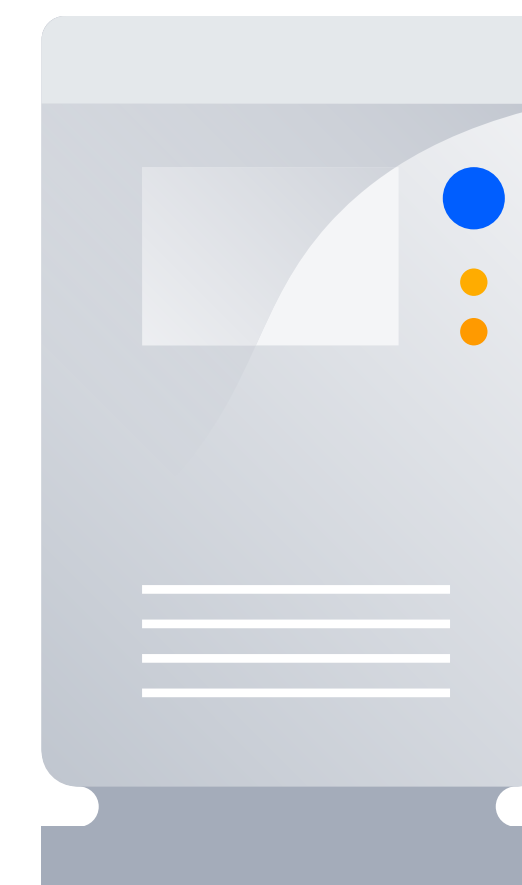
easyBI Editions



easybi.com



easyBI app for Jira
Server / Cloud /
Data Center



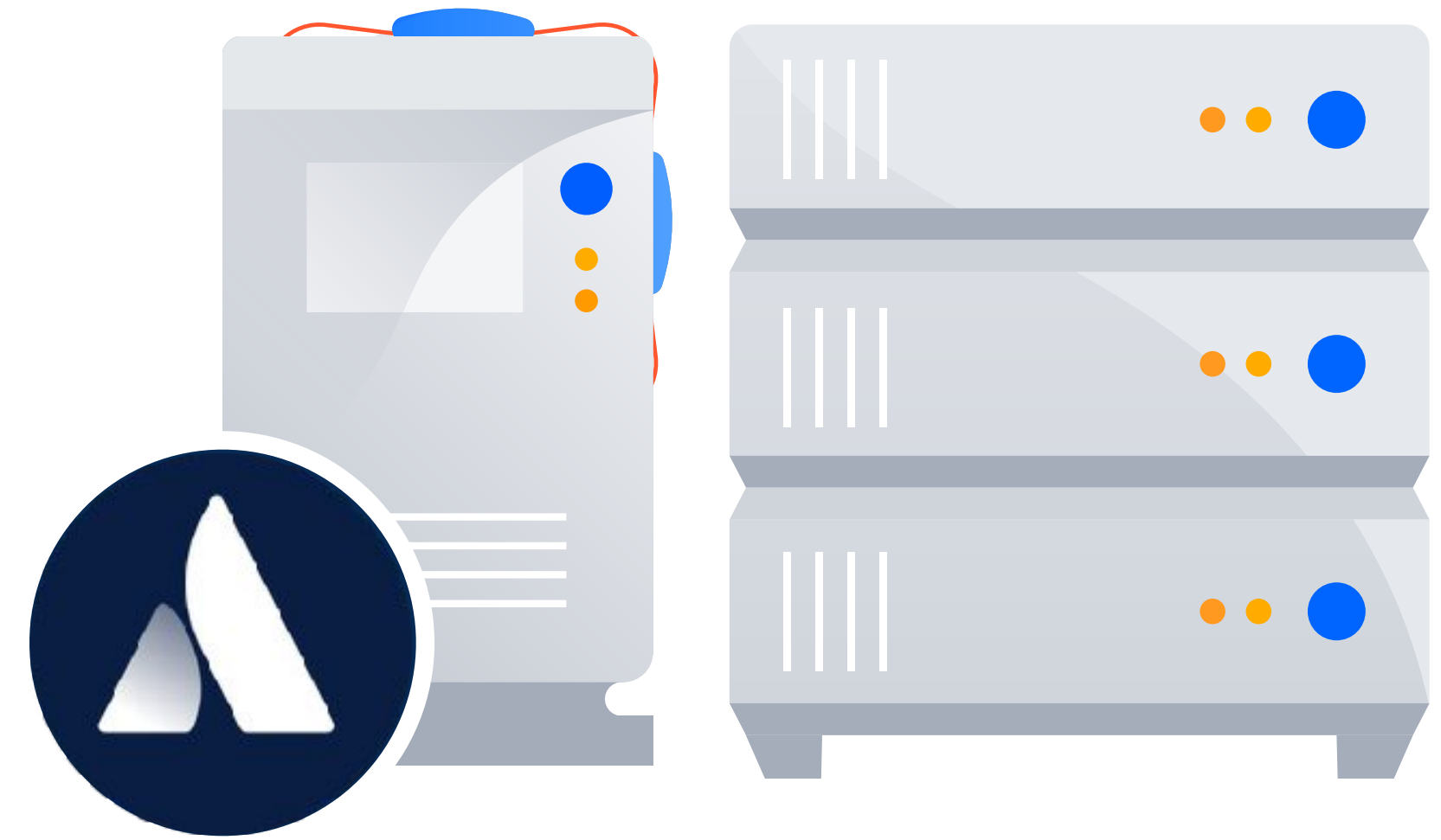
Private easyBI



on **ATLASSIAN Marketplace**



eazyBI App for Jira Cloud



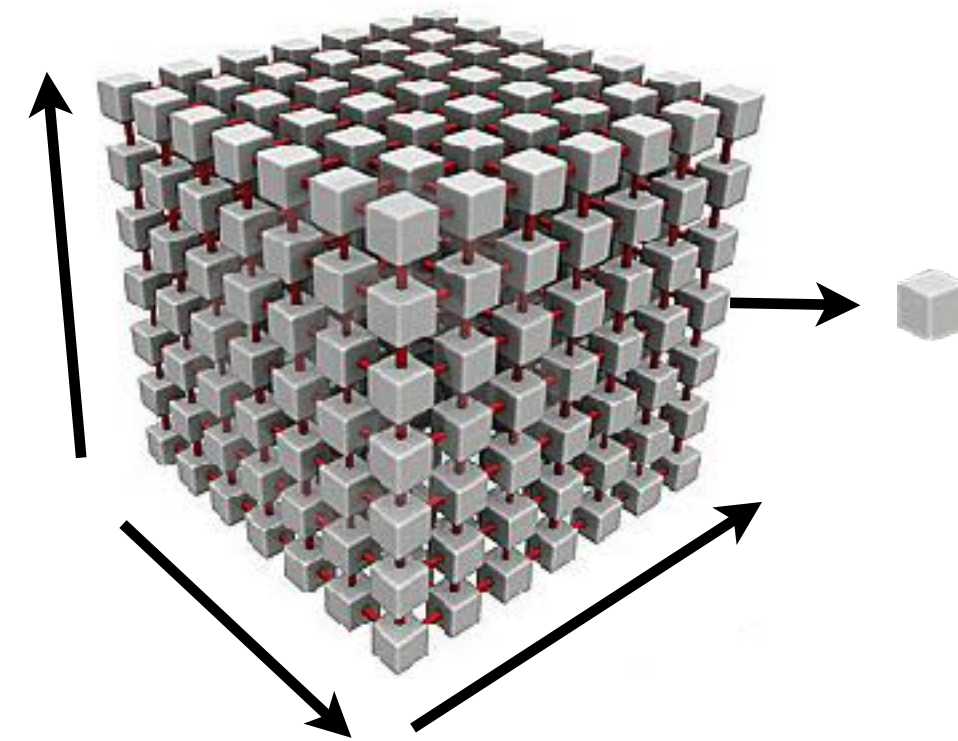
eazyBI App for Jira Server and Data Center

Overview of eazyBI



SQL

Source Data



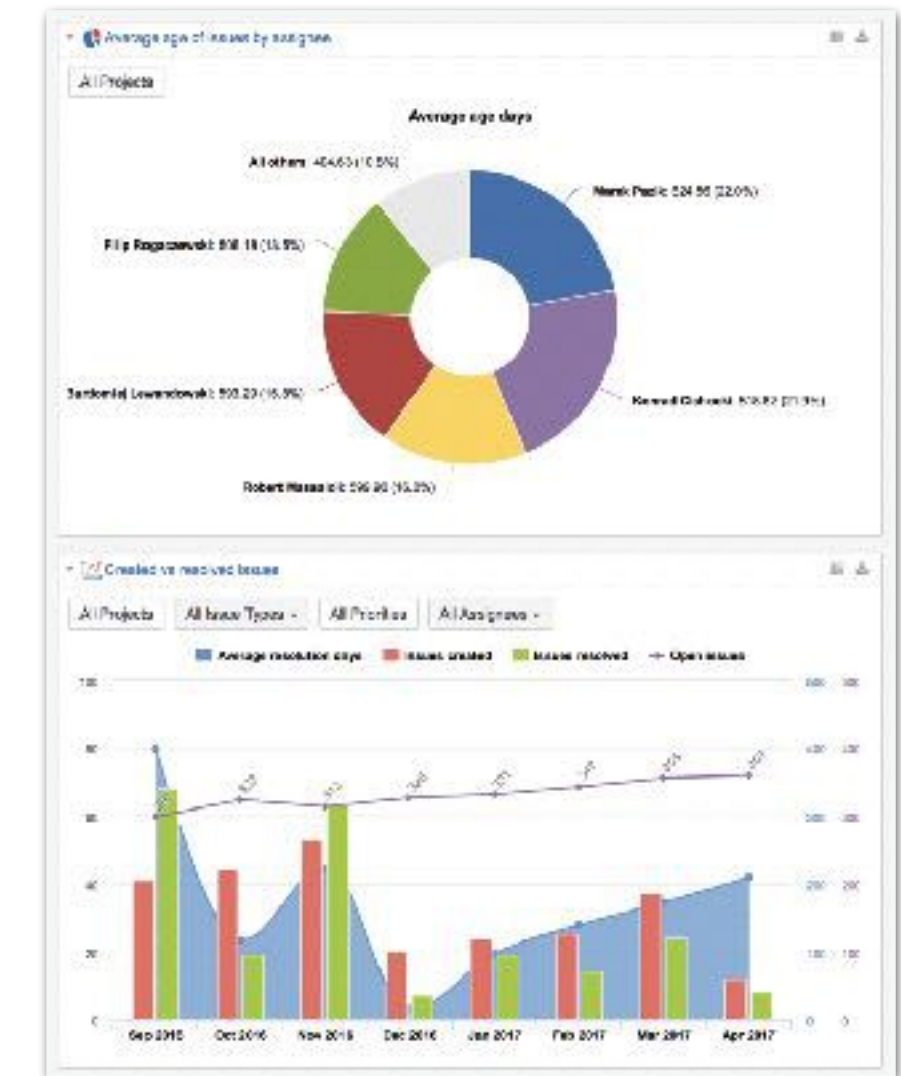
Multidimensional OLAP cube

	Issues resolved	Hours spent
-All Assignees	5,011	200.34
(unassigned)	2,010	1.01

Calculated member formula


```
[Measures].[Average Days in current status] =  
1 -- days in current status from last transition for open issues  
2 AVG(  
3 Filter(  
4 Descendants([Issue],CurrentMember, [Issue].[Issue]),  
5 isEmpty([Measures].[Issue resolution date])  
6 AND  
7 DateInPeriod(  
8 Now(),  
9 [Time],CurrentHierarchyMember)  
10 AND  
11 {([Measures].[Issues On],  
12 [Time],CurrentHierarchy.DefaultMember) > 0},  
13 DateDiffDays([Measures].[Issue status updated date], Now())  
14 )  
)
```

Analyze



Publish

Transactional Data

 **Angry Nerds / ANERDS-14**
As a Top Score user I would like to unlock new levels.

Comment Agile Board More ▾ Export ▾

Details

Type:	Story	Status:	RESOLVED
Priority:	Minor	Resolution:	Fixed
Affects Version/s:	None	Fix Version/s:	1.0, 1.2
Component/s:	Backend		
Labels:	None		
Last commented by user?:	true		
Rank:	29379		
Story Points:	3		

Issue Links

is duplicated by [+ ANERDS-63 Pro Level](#)

Activity

All **Comments** Work Log History Activity

Tim added a comment - 19/Oct/11 12:23 AM
These should be resolved together.

People

Assignee: Unassigned
Reporter: Nicholas Muldoon [Atlassian]
Participants: Nicholas Muldoon [At...], Tim
Votes: 0 Vote for this issue
Watchers: 0 Start watching this issue

Dates

Created: 02/Jun/11 5:32 AM
Updated: 19/Oct/11 2:57 AM
Resolved: 19/Oct/11 2:57 AM
Last commented: 2 years, 5 weeks, 2 days ago

Time Tracking

Estimated: 5h
Remaining: 3.5h
Logged: 1.5h

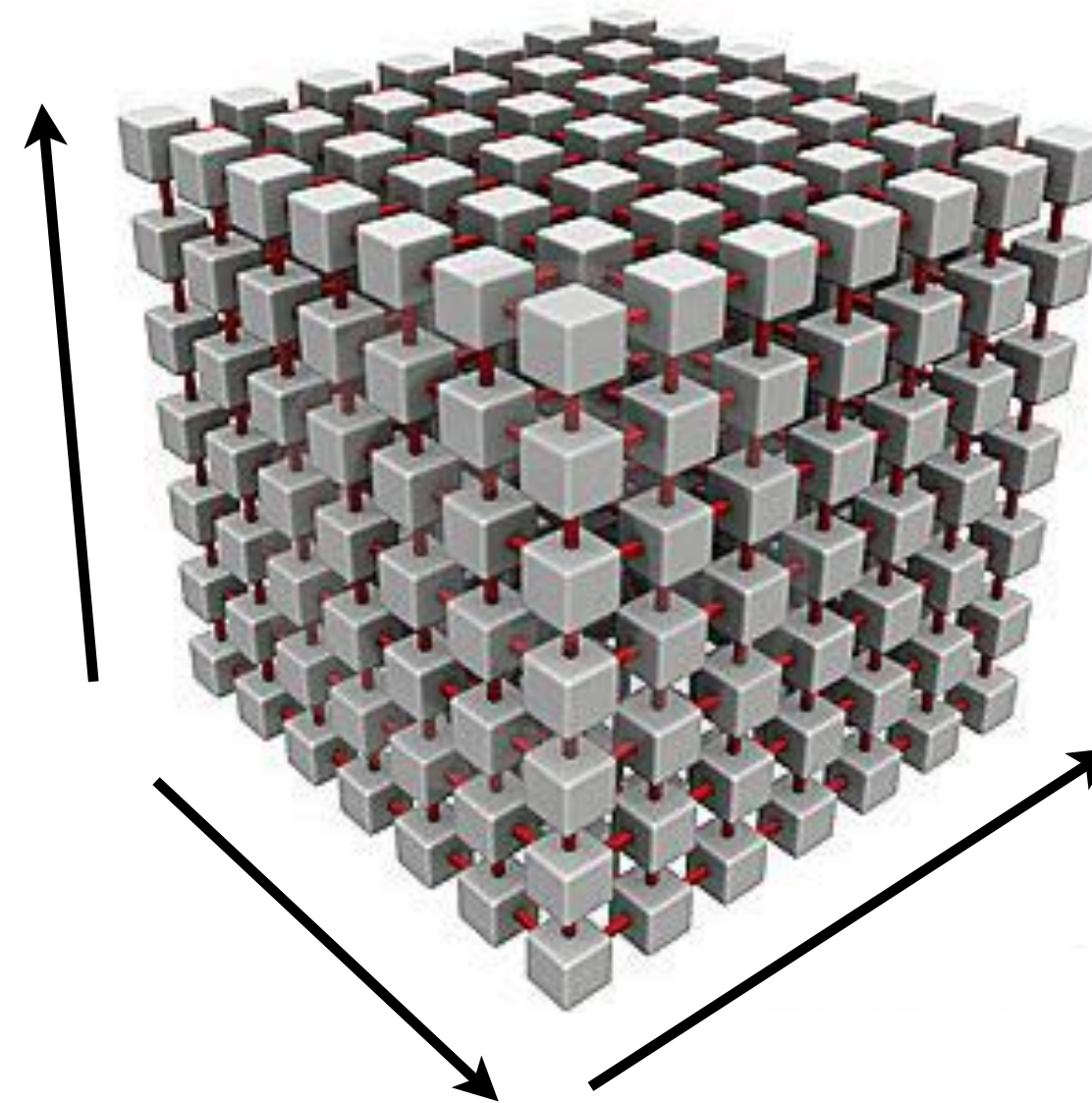
Multi-dimensional data model

Data cube

Dimensions

Measures

Multi-dimensional “data cube”



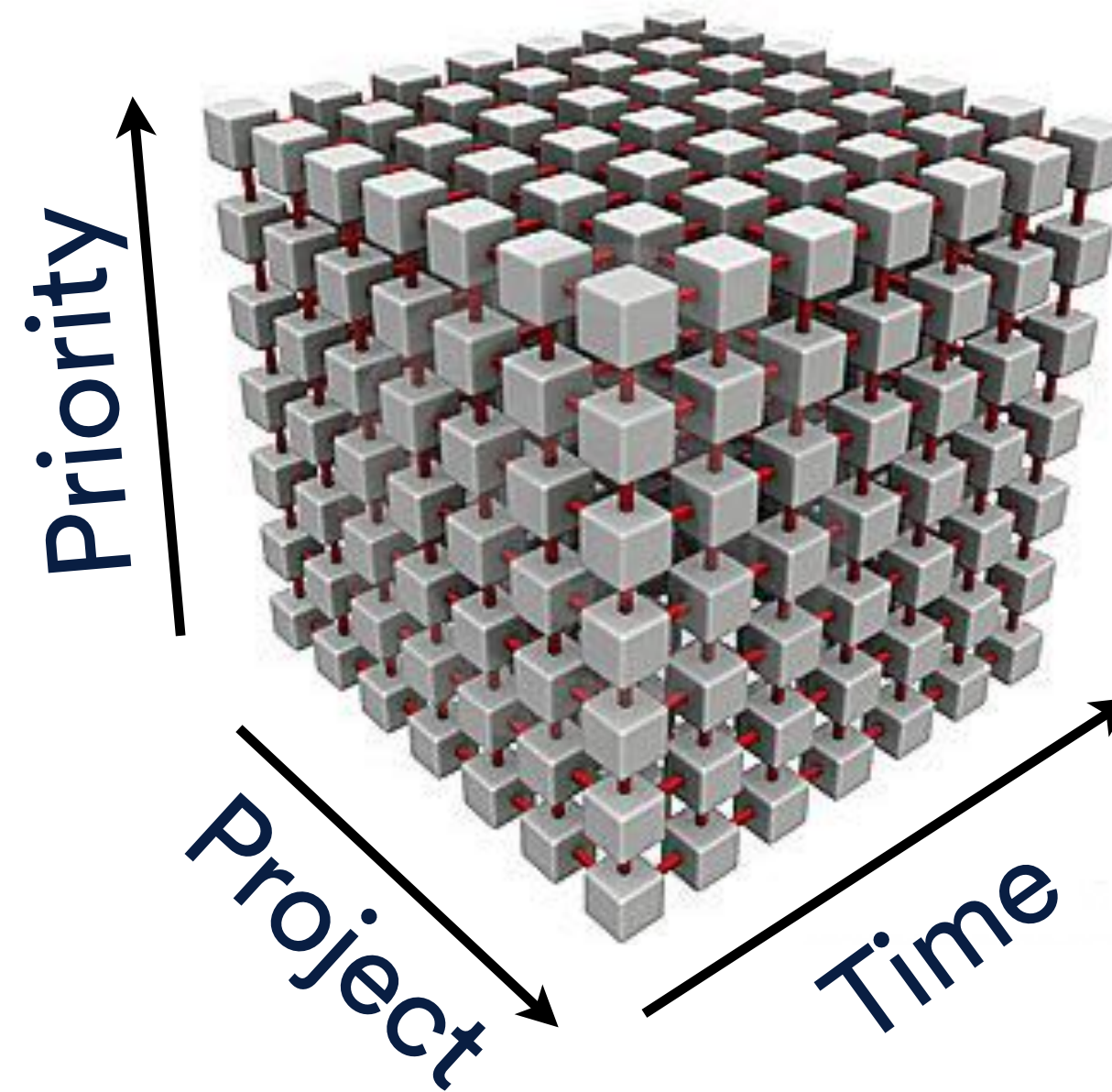
Multi-dimensional data model

Data cube

Dimensions

Measures

Dimensions Hierarchies and levels



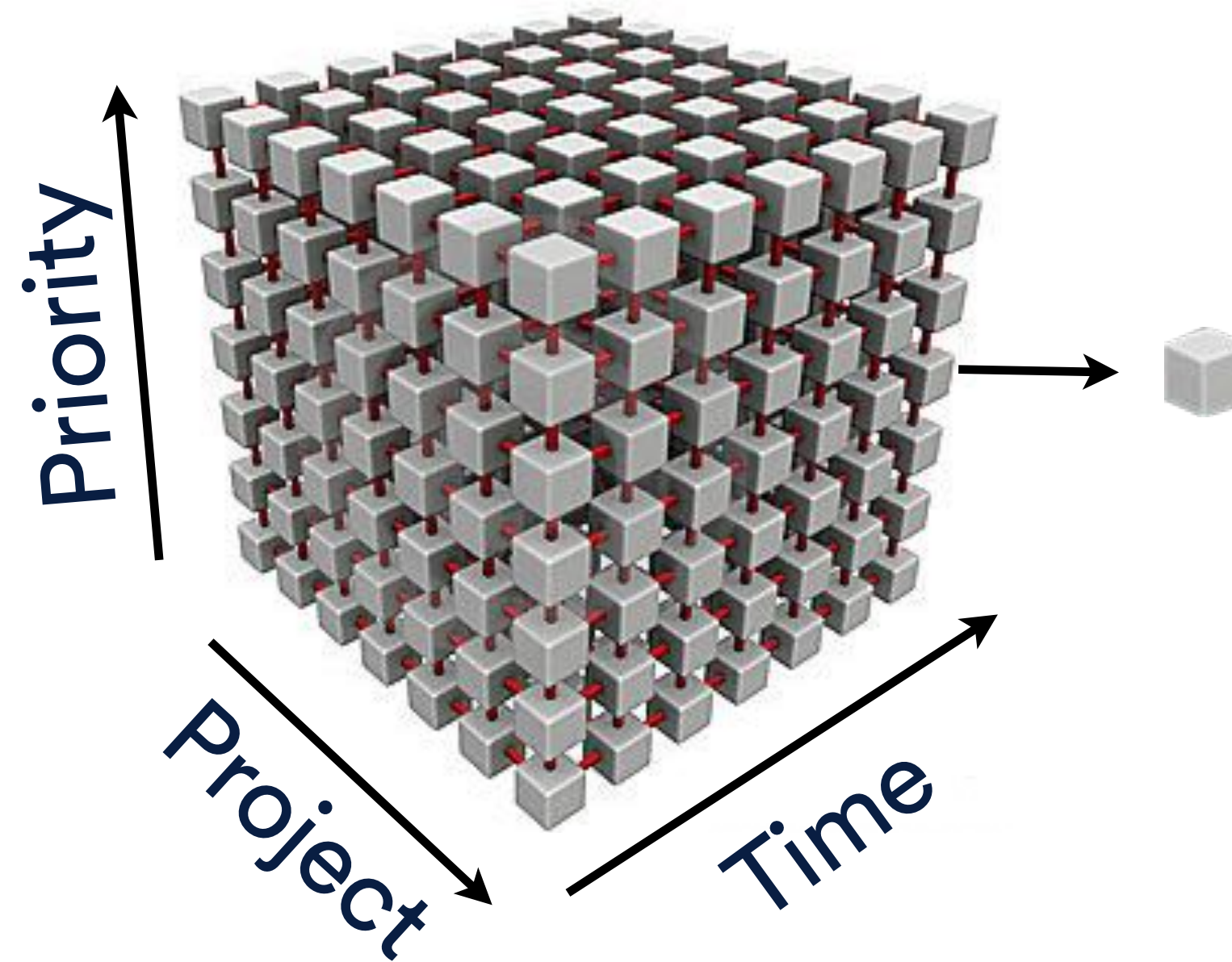
Multi-dimensional data model

Data cube

Dimensions

Measures

Measures



Measures

- Issues created
- Issues due
- Issues resolved

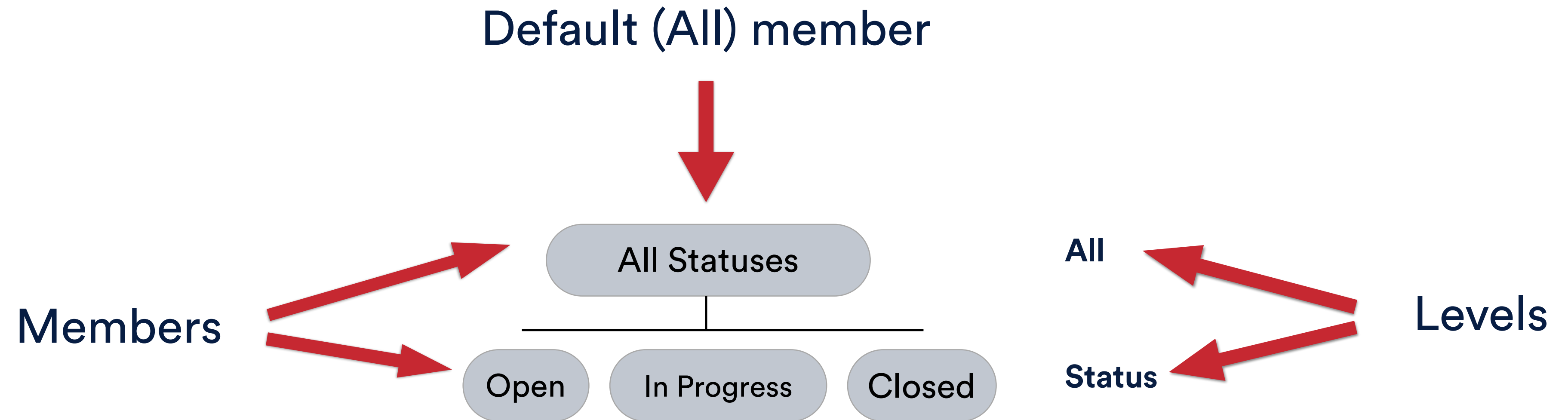
Hierarchy

Simple

Multiple levels

Multiple hierarchies

Simple hierarchy



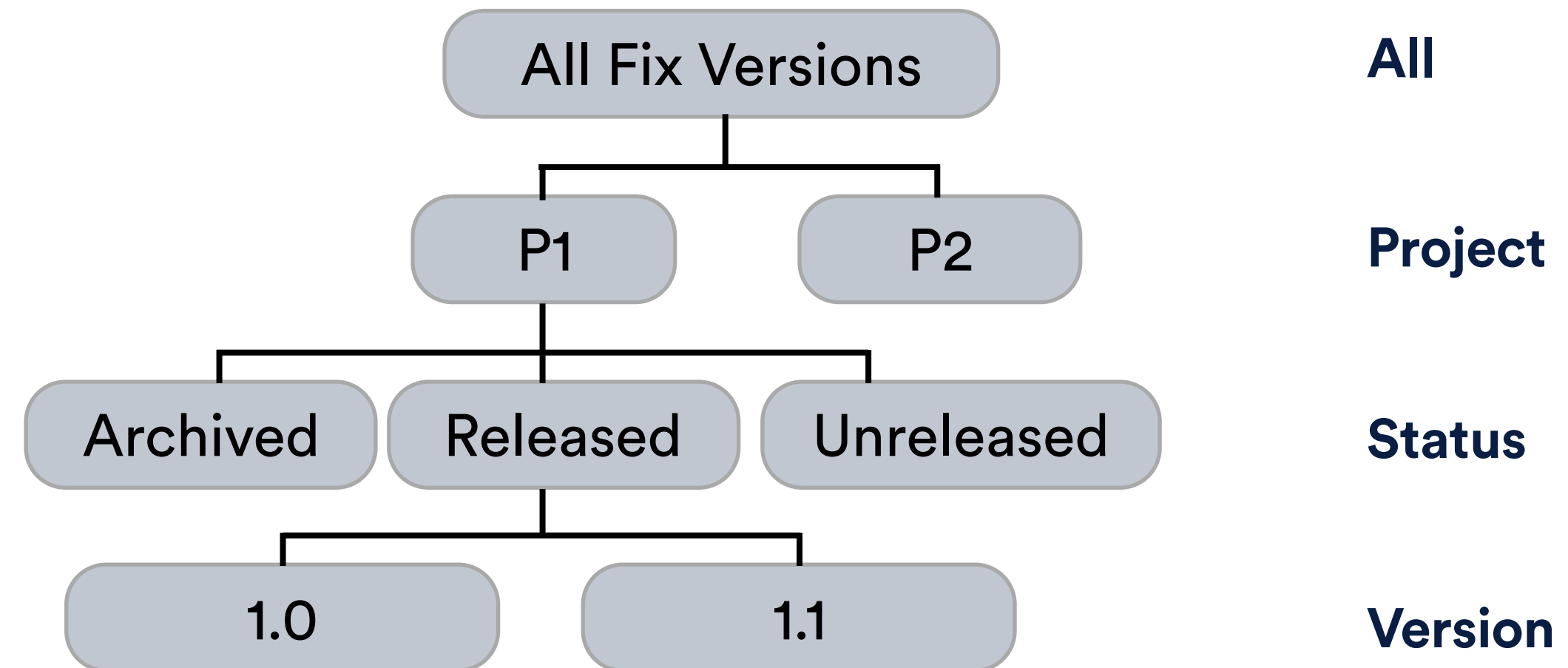
Hierarchy

Simple

Multiple levels

Multiple hierarchies

Hierarchy with multiple levels



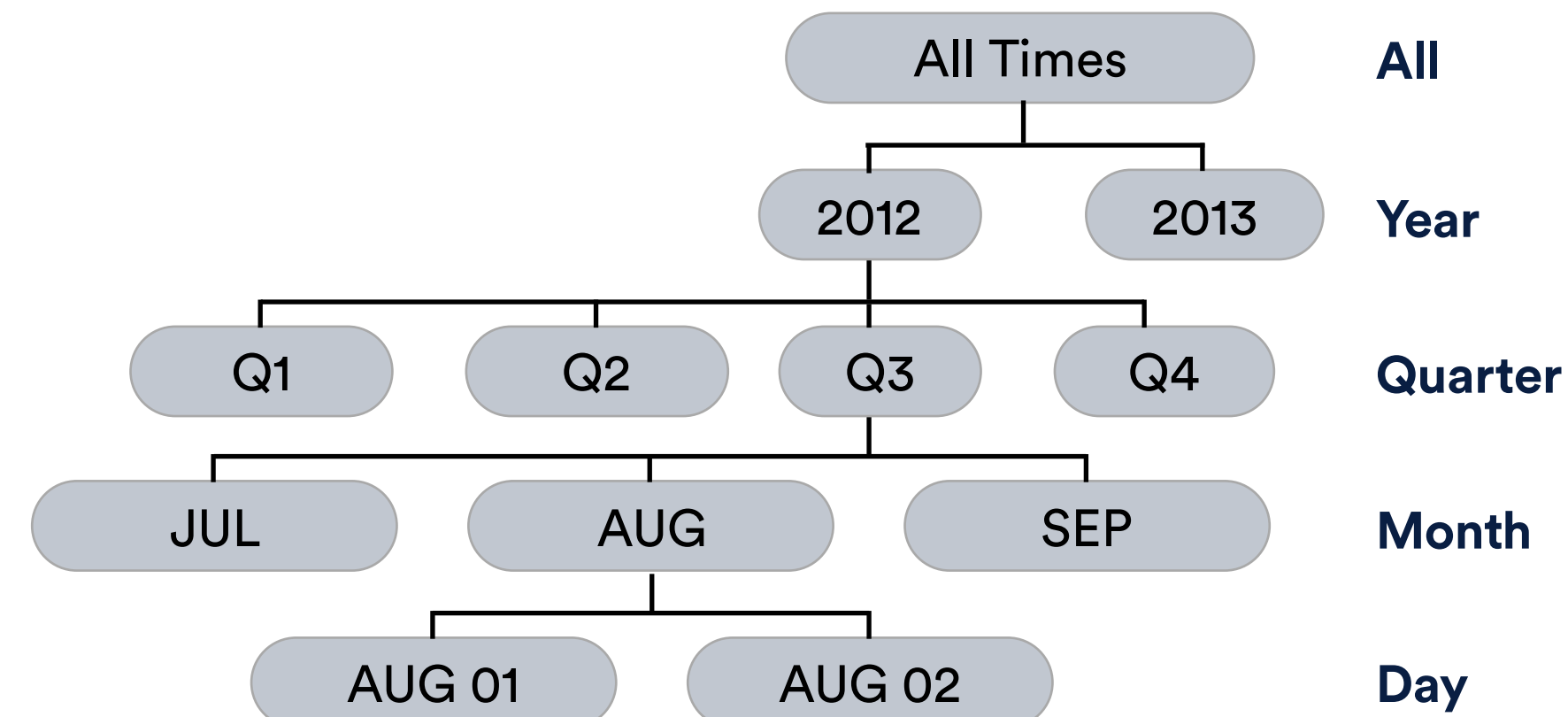
Hierarchy

Simple

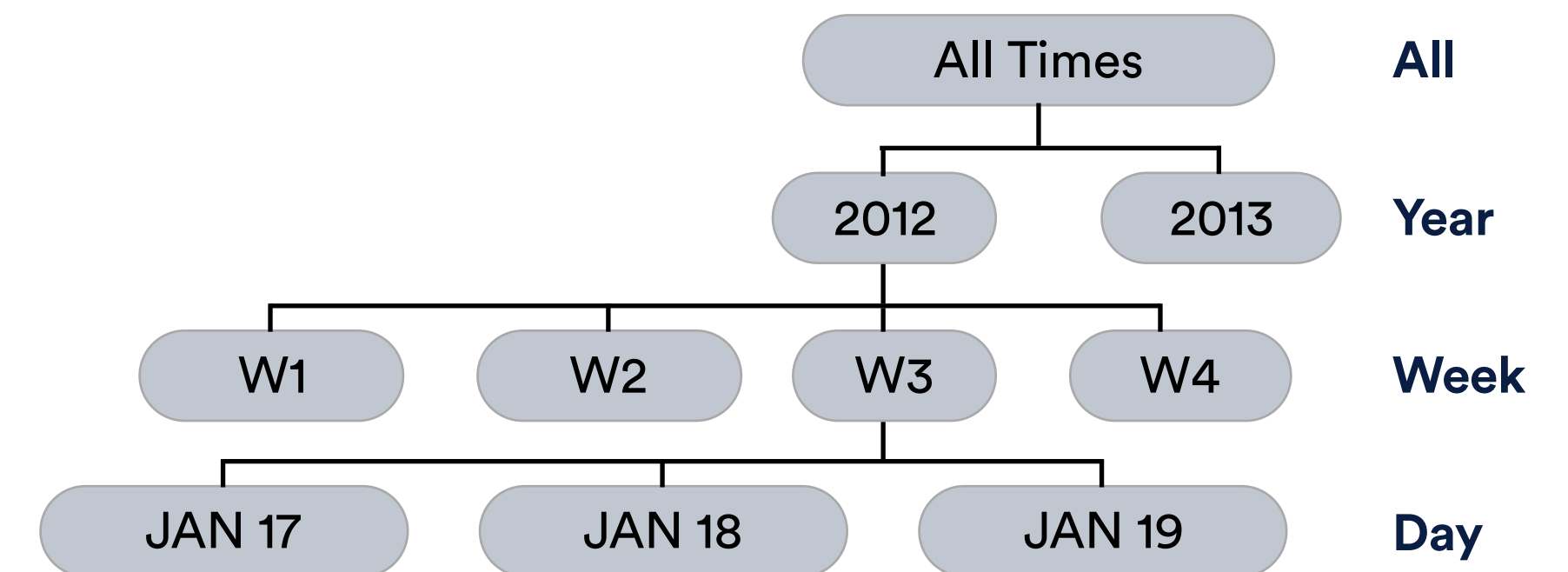
Multiple levels

Multiple hierarchies

Dimension with multiple hierarchies




Time default hierarchy



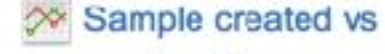


Time weekly hierarchy

eazyBI Accounts


Account 1




 Issues
Projects A,B


 Sample open issues by
 Sample open issues by
 Sample created vs resolved issues


jira-developers
jira-administrators

Account 2

 Issues
Project C

 Sample open issues by
 Sample created vs
 Sample open issues by assignee and status


project-c

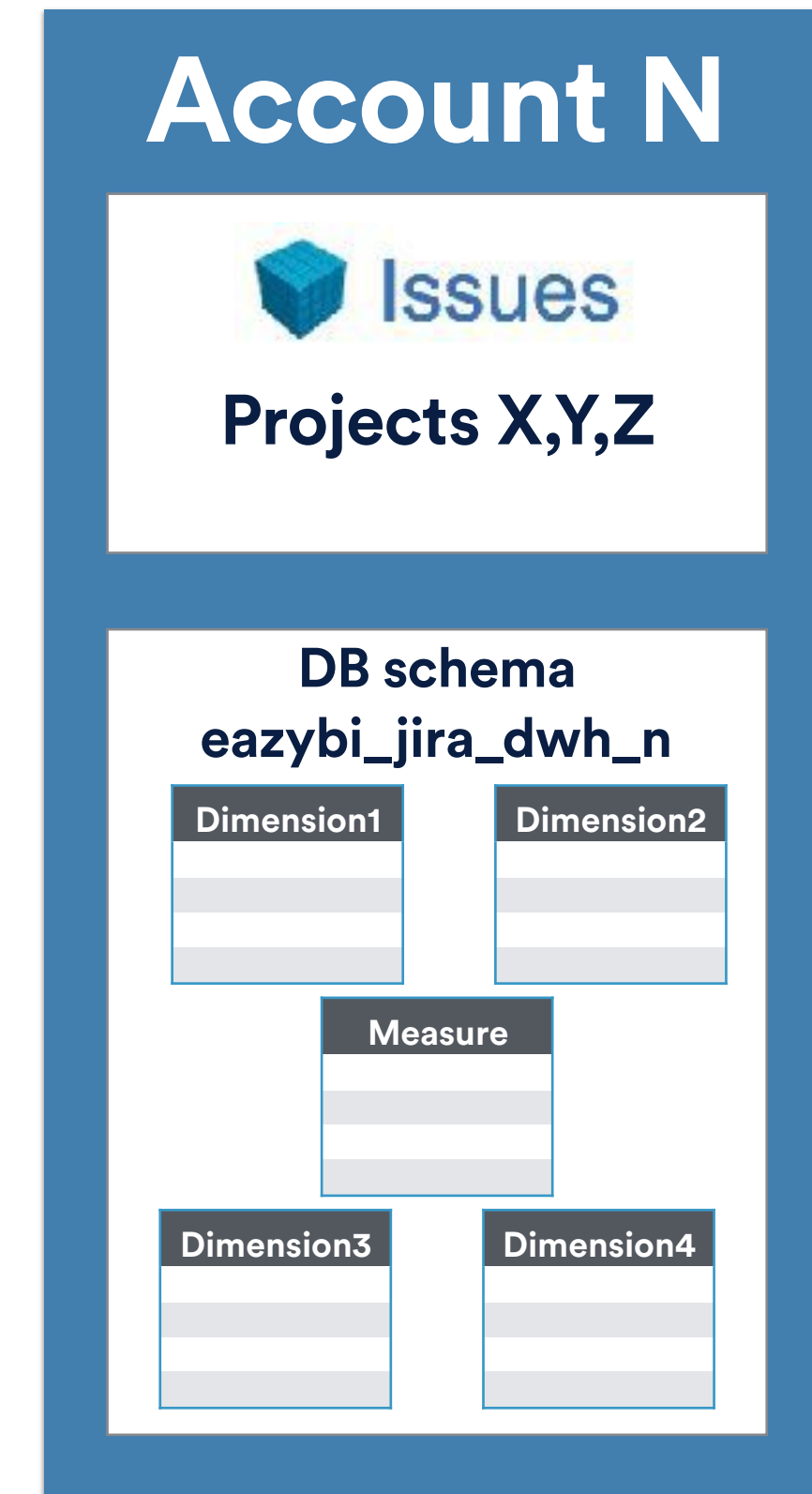
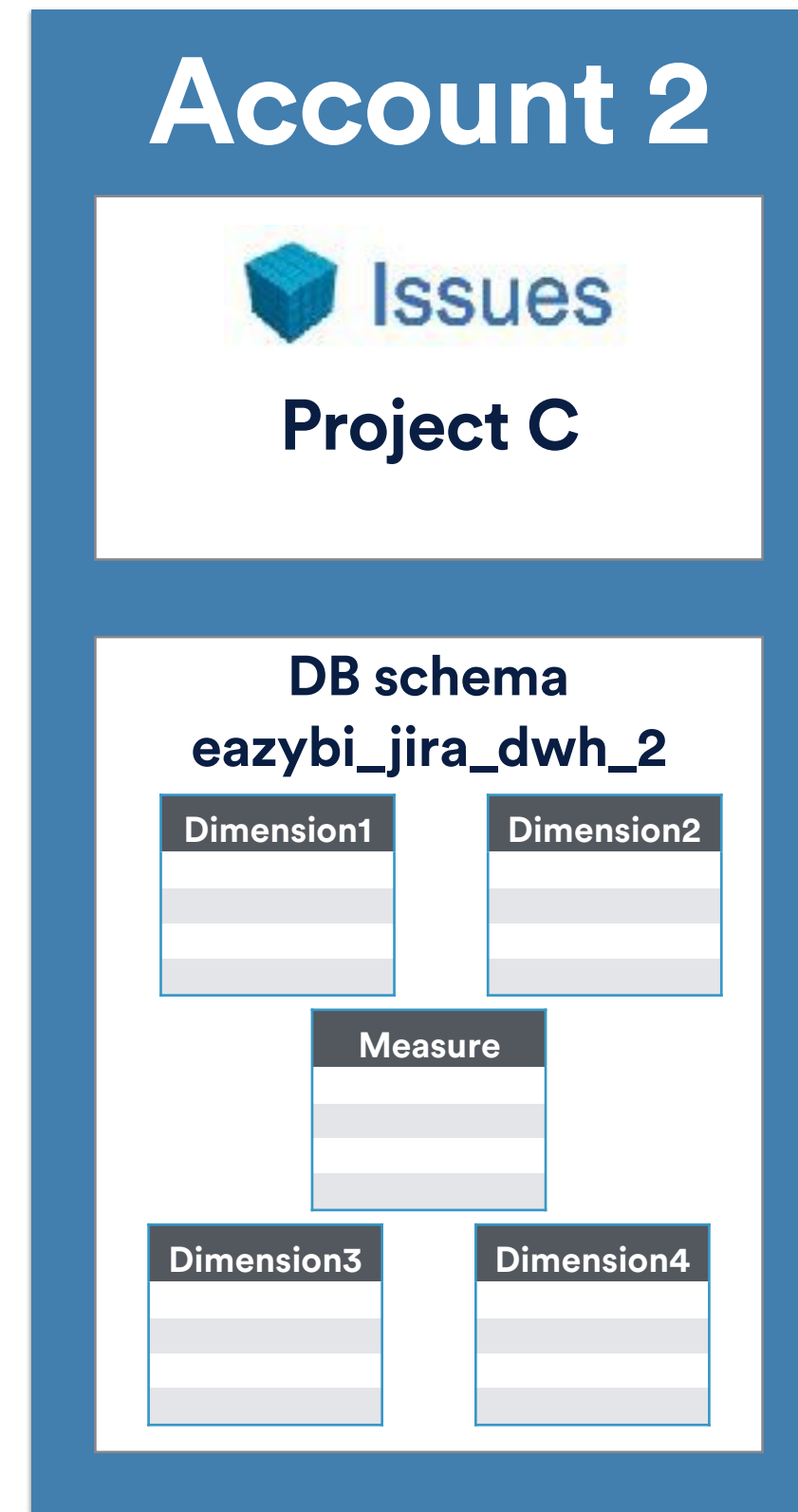
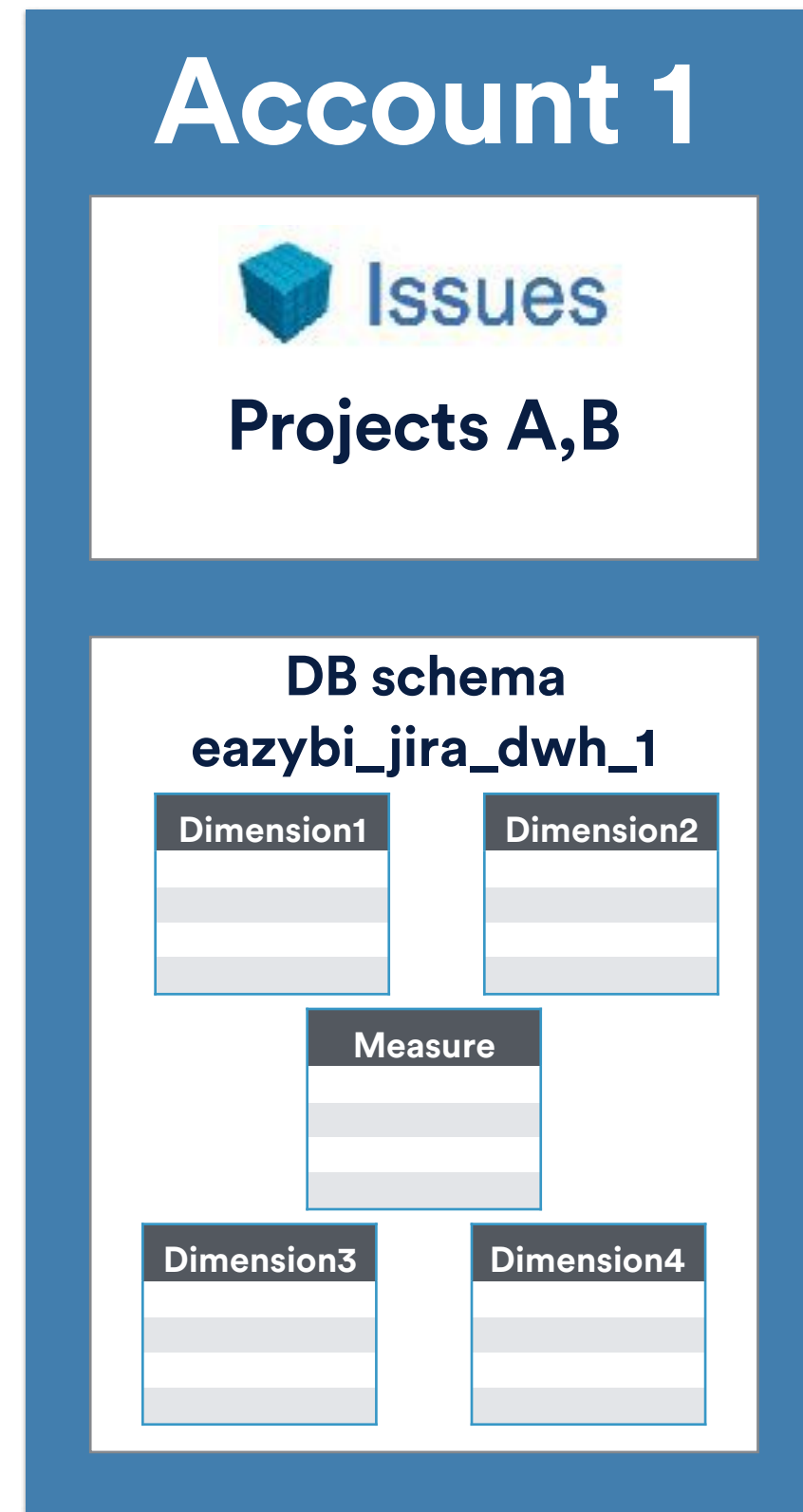
Account N

 Issues
Projects X,Y,Z

 Sample open issues by
 Sample created vs status
 Sample open issues by component and priority


jira-users

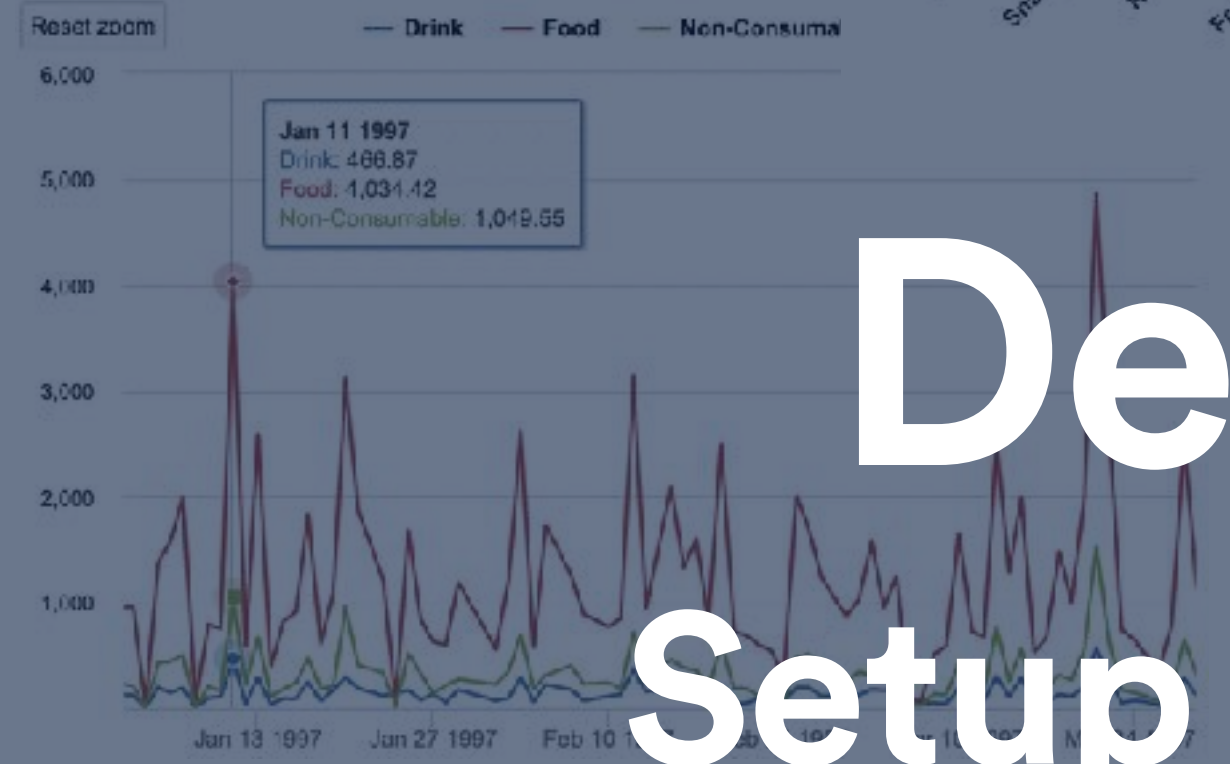
eazyBI Accounts



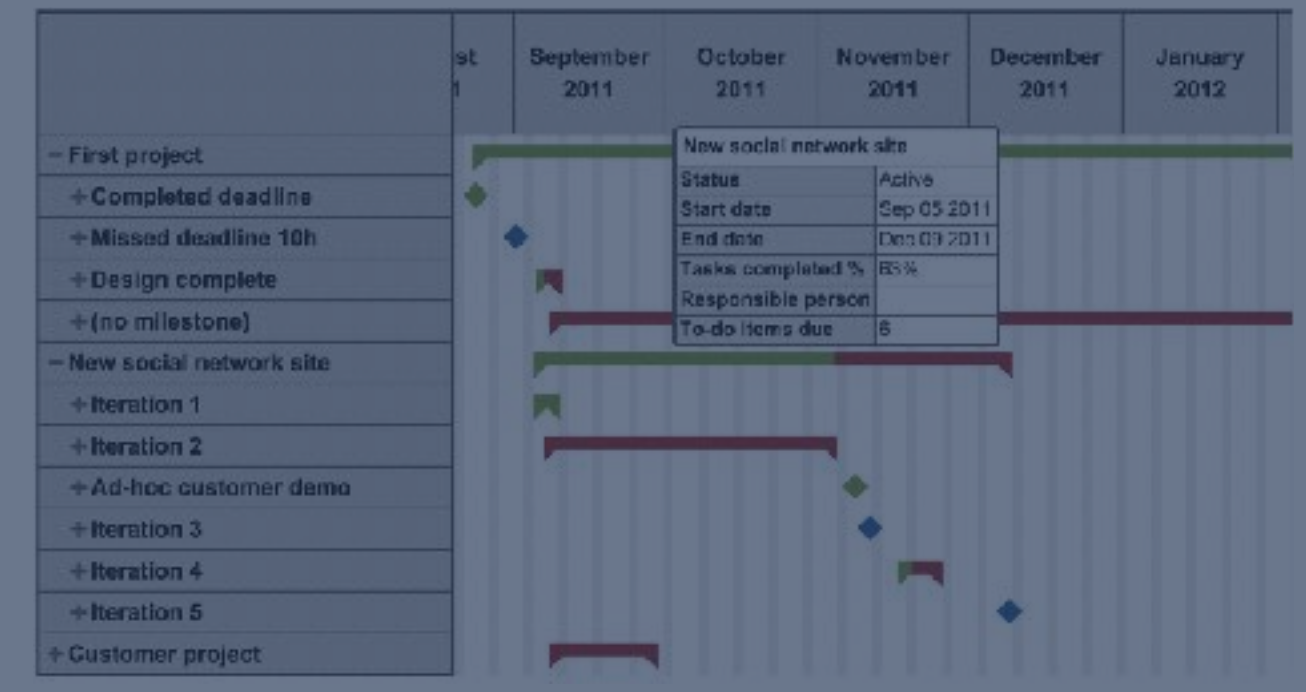
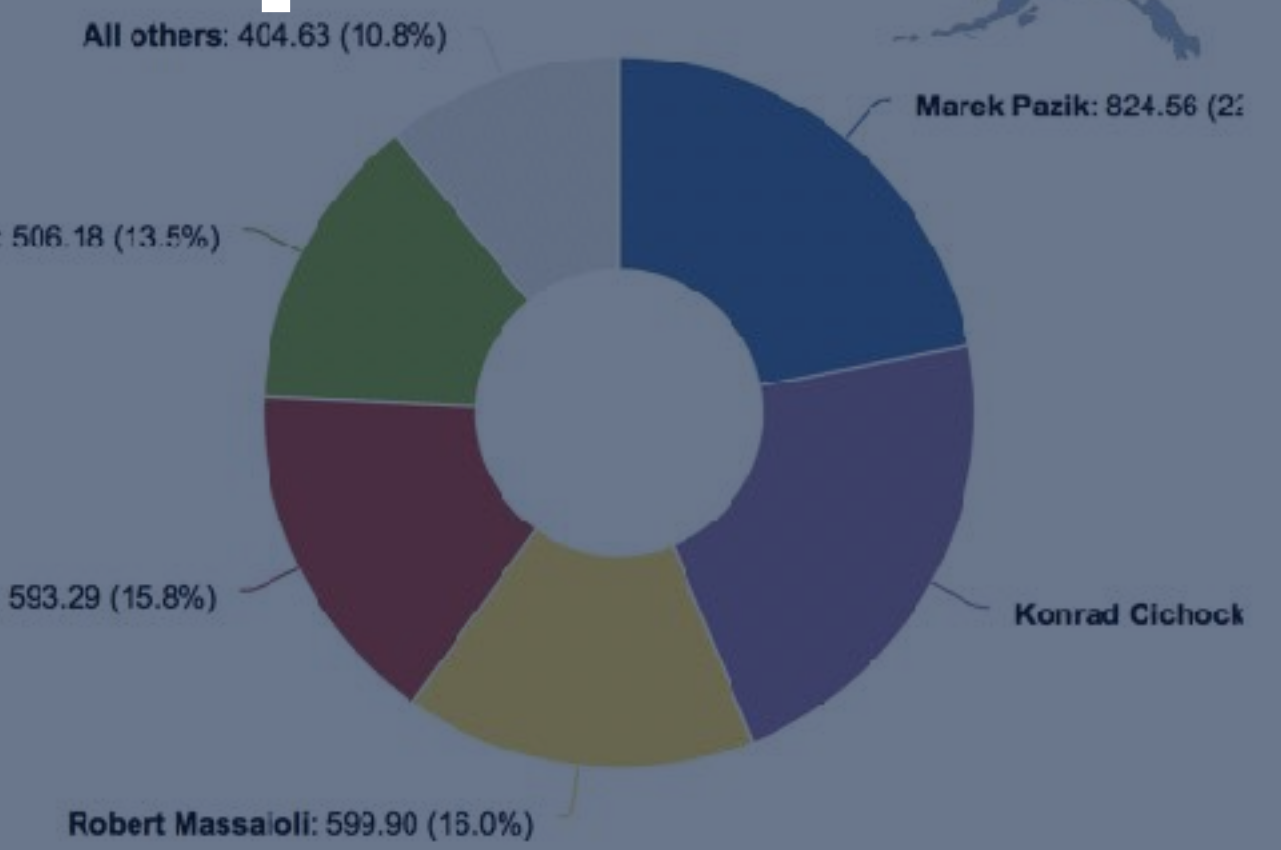
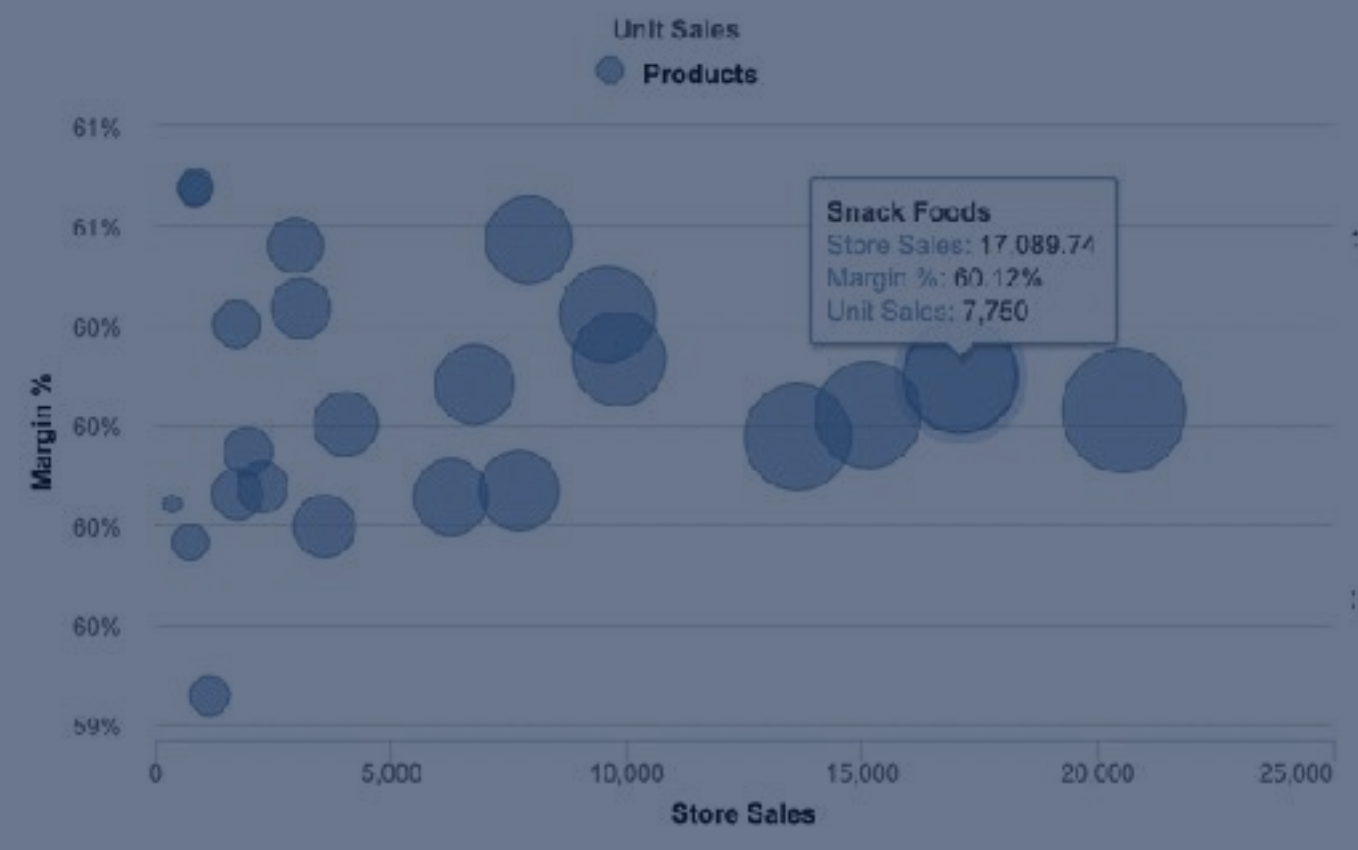
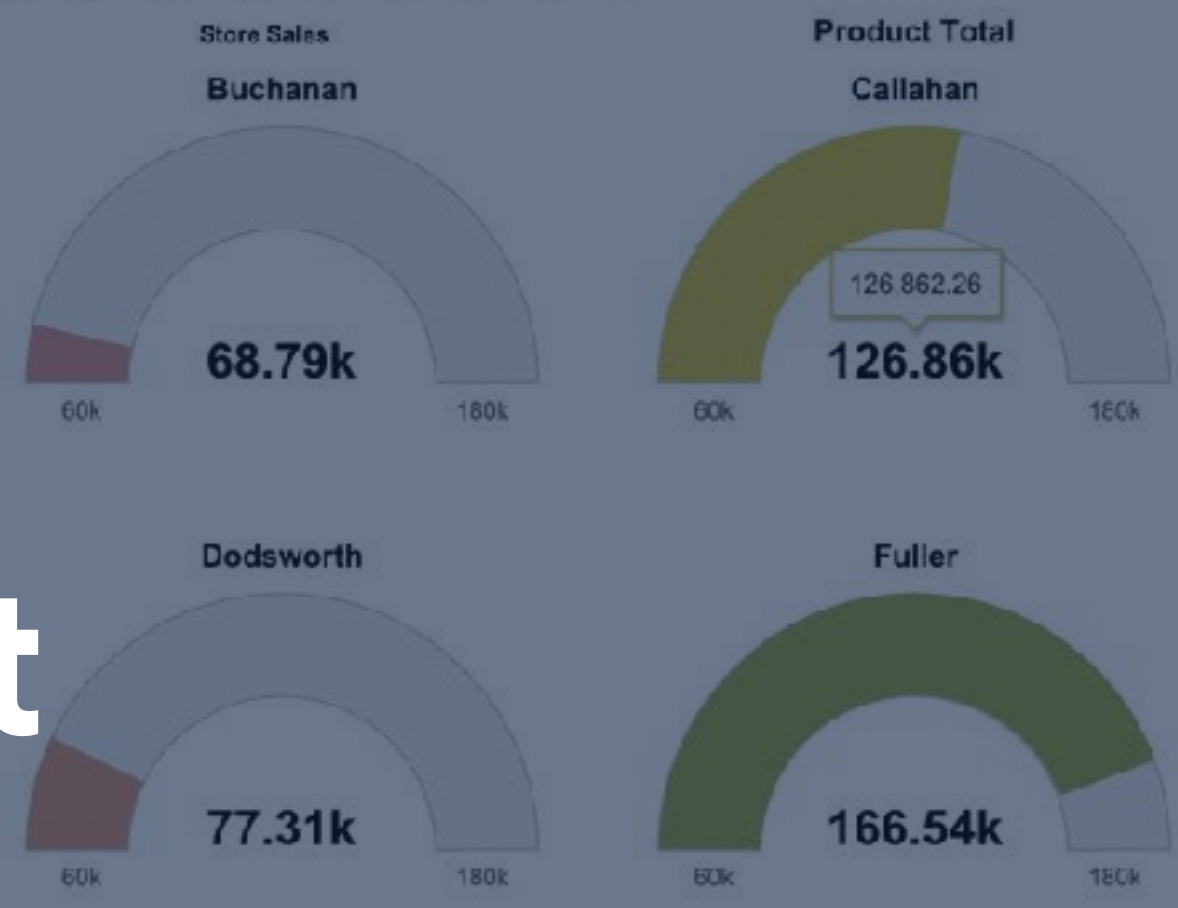
	Store Sales	Store Cost	Unit	Average
- All Customers	130,626.35	55,752.240		
- USA	130,626.35	55,752.240		
+ CA	36,175.20	14,431.085		
- OR	40,170.29	16,081.073		
+ Albany	4,491.26	1,782.817		
+ Beaverton	2,407.97	950.359		
+ Corvallis	5,695.13	2,281.248		
+ Lake Oswego	2,262.68	907.8483	1,102	6.41
+ Lebanon	5,934.62	2,390.0872	2,825	6.49
+ Milwaukie	2,802.32	1,155.6925	1,345	6.02
+ Oregon City	2,024.02	929.0752	1,113	6.55
+ Portland	2,122.12	847.5187	1,001	6.65
+ Salem	4,251.81	1,697.8039	2,104	6.28
+ W. Linn	2,181.81	871.0418	1,041	6.59

- Drill across
- Select this
- Remove
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- Top rows
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- Call formatting

- Time
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 - Year
 - Week
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 - Fiscal
 - Year
 - Quarter
 - Month
 - Day



Demonstration Setup and Jira data import



Setup

Installation

Access Roles

Data import

eazyBI installation and setup

Tutorial how to install and set up eazyBI

[https://docs.eazybi.com/display/EAZYBIJIRA/
Installation+and+setup](https://docs.eazybi.com/display/EAZYBIJIRA/Installation+and+setup)

Why and how to enable child process

[https://docs.eazybi.com/display/EAZYBIJIRA/
Child+process](https://docs.eazybi.com/display/EAZYBIJIRA/Child+process)

Setup

Installation

Access Roles

Data import

User roles and data access in eazyBI

Users roles

<https://docs.eazybi.com/display/EAZYBIJIRA/Account+users>

Limit access to data

<https://docs.eazybi.com/display/EAZYBI/Data+access+roles>

Setup

Installation

Access Roles

Data import

Data sources for import

Data import from Jira

<https://docs.eazybi.com/display/EAZYBIJIRA/JIRA+Issues+Import>

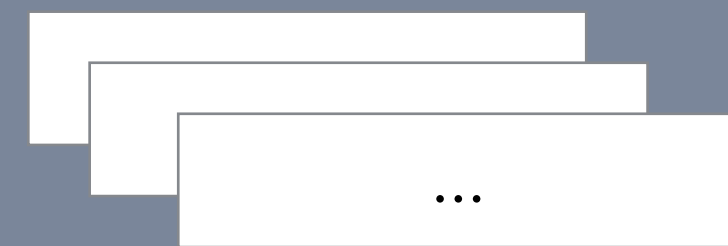
Data import from other data sources

<https://docs.eazybi.com/display/EAZYBI/Source+Data+Import>

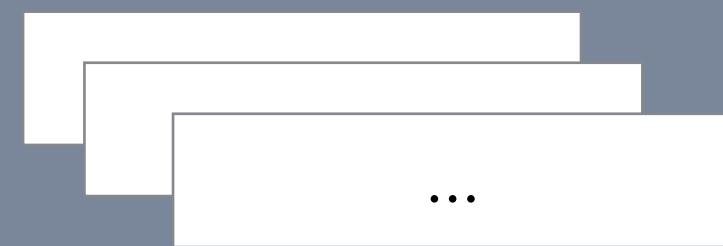
Common Jira JVM

Jira JVM process heap

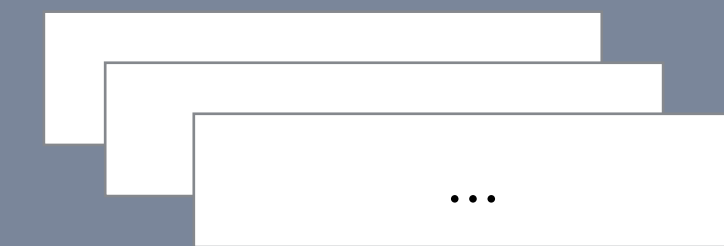
Jira objects



Jira app 1



Jira app 2



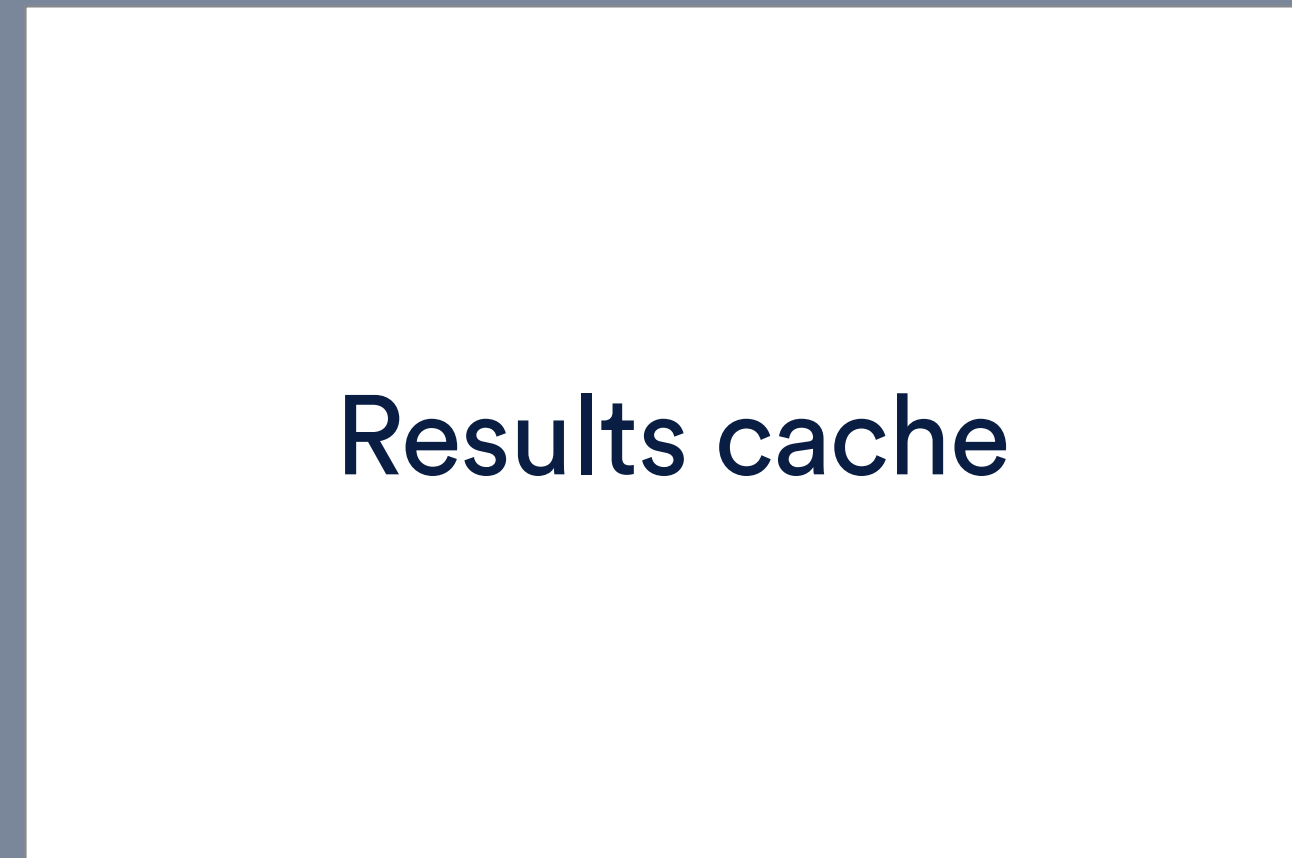
eazyBI



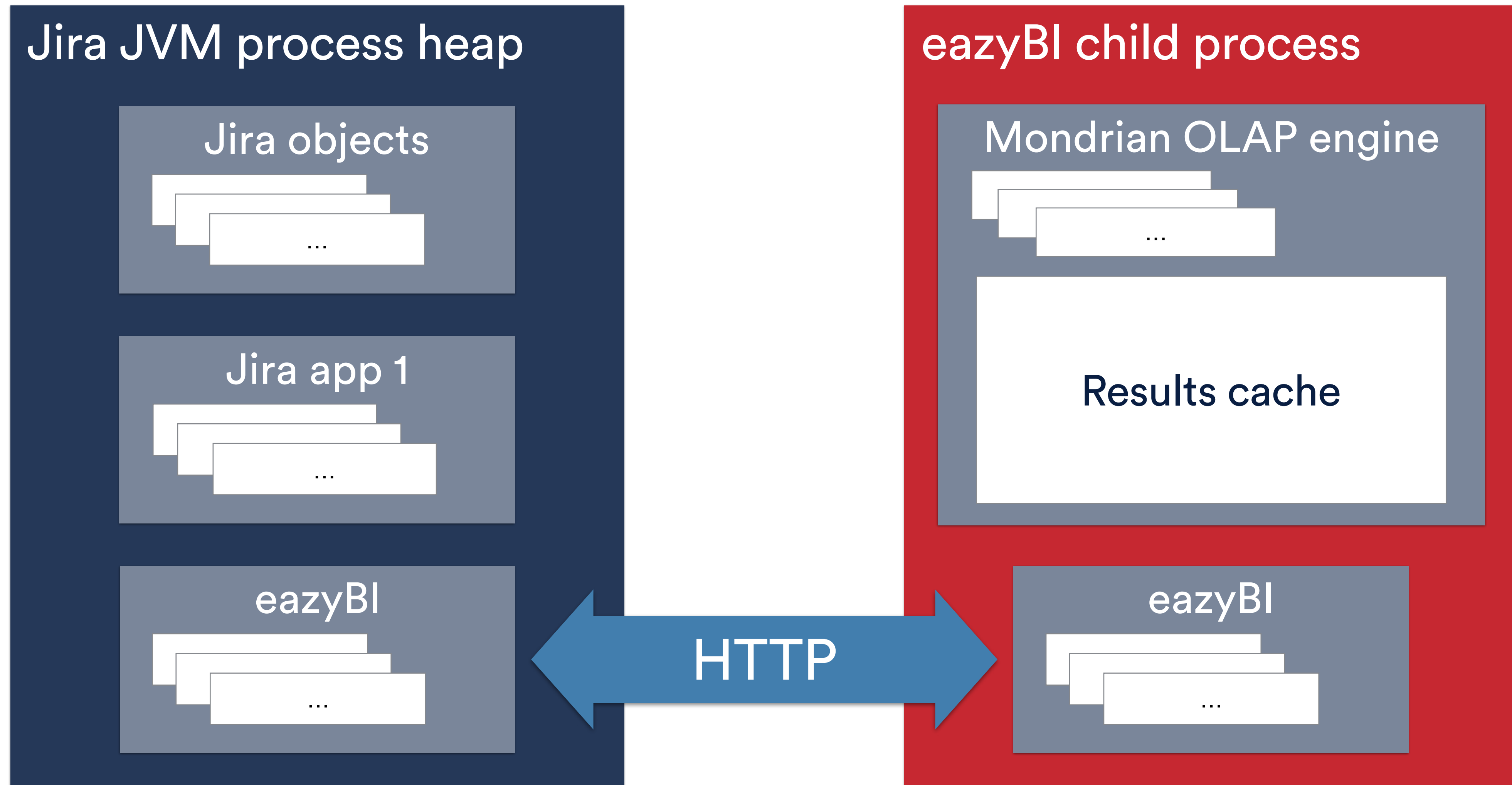
Mondrian OLAP engine



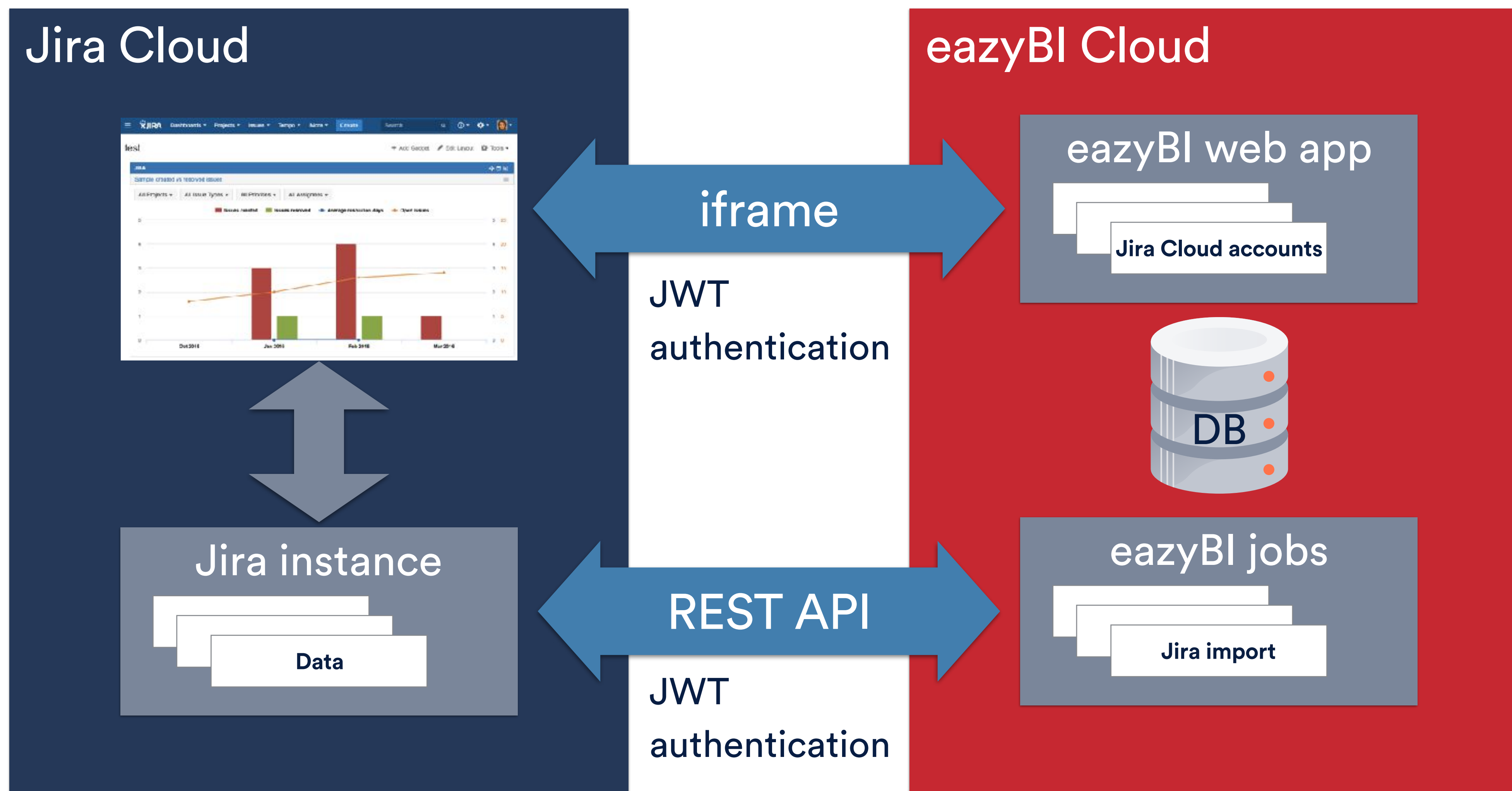
Results cache



eazyBI Child Process



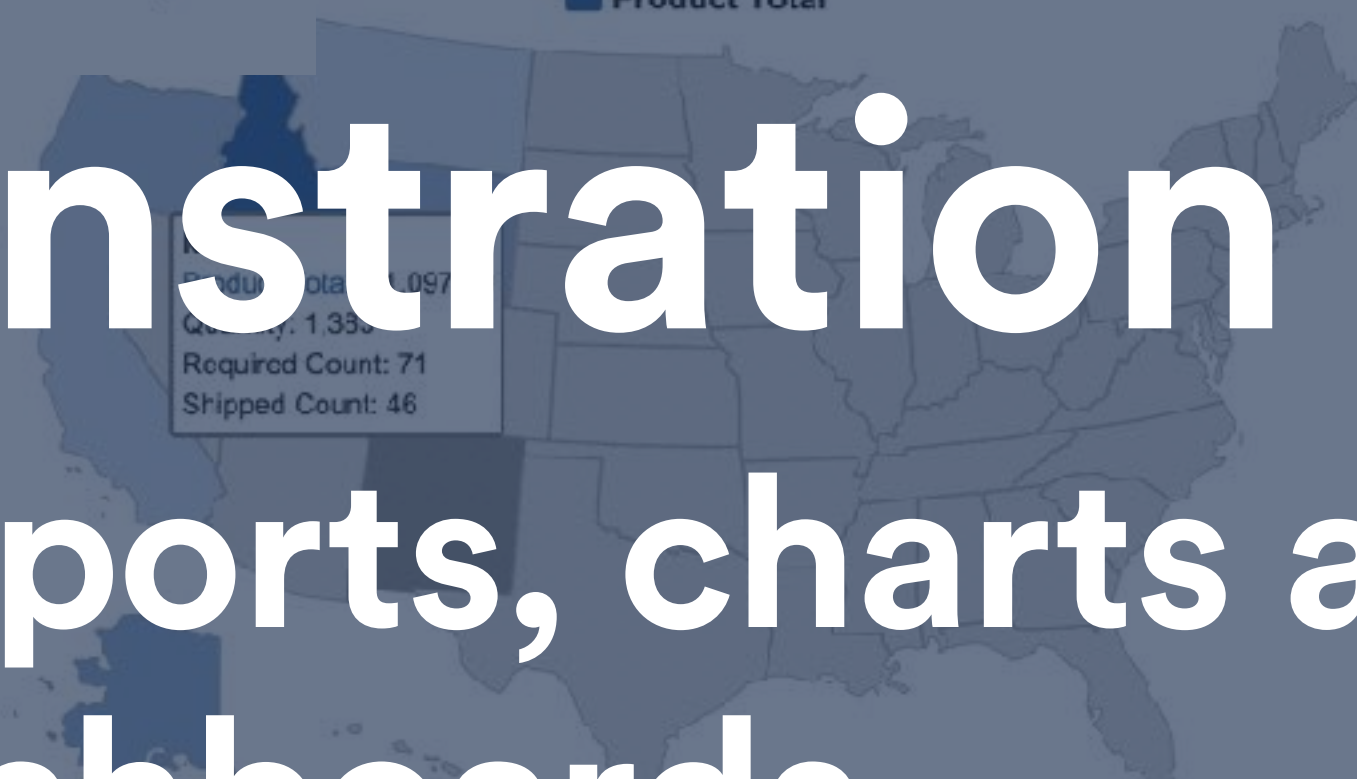
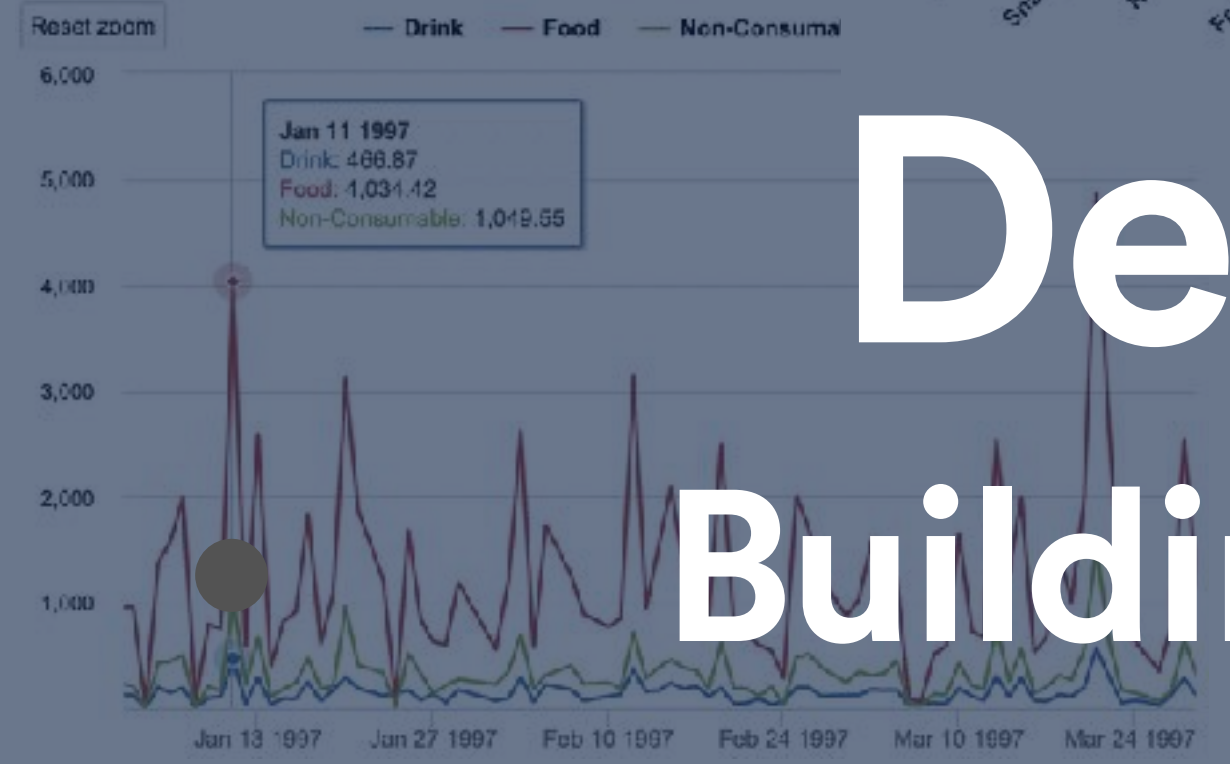
Jira Cloud Atlassian Connect



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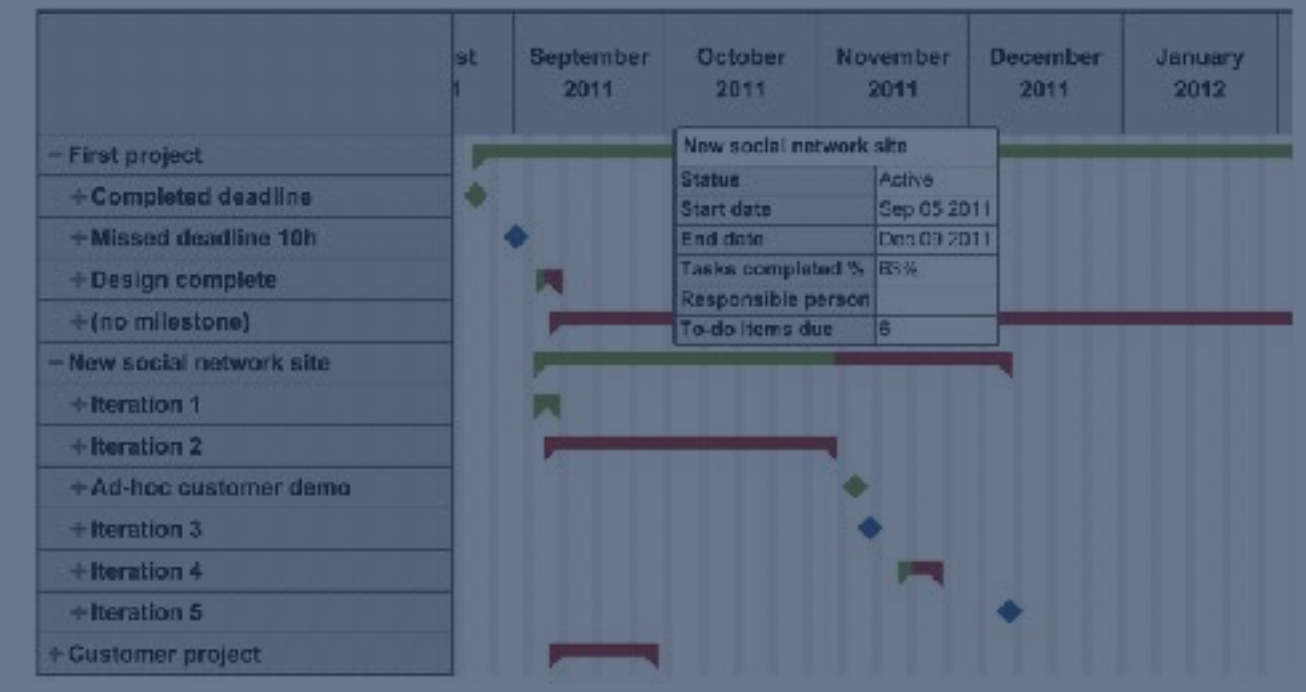
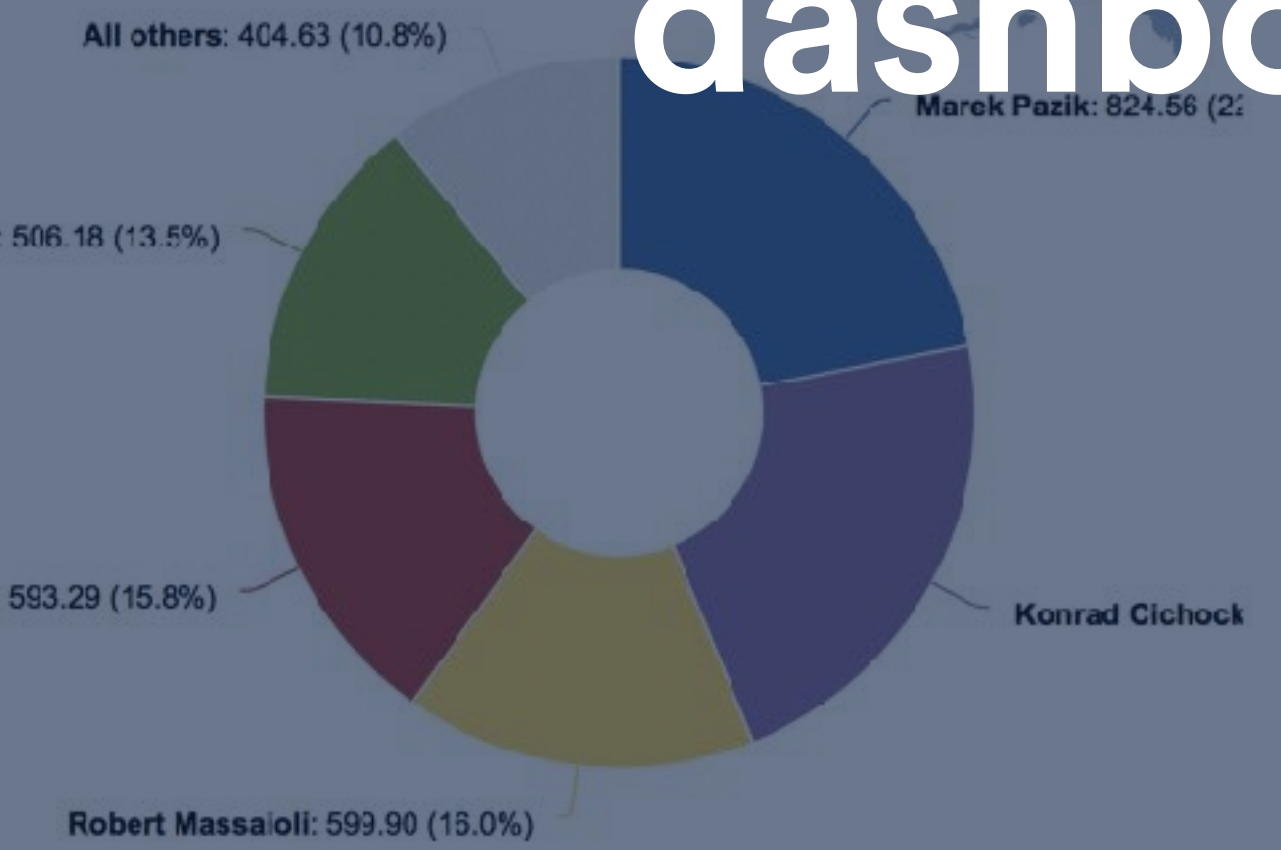
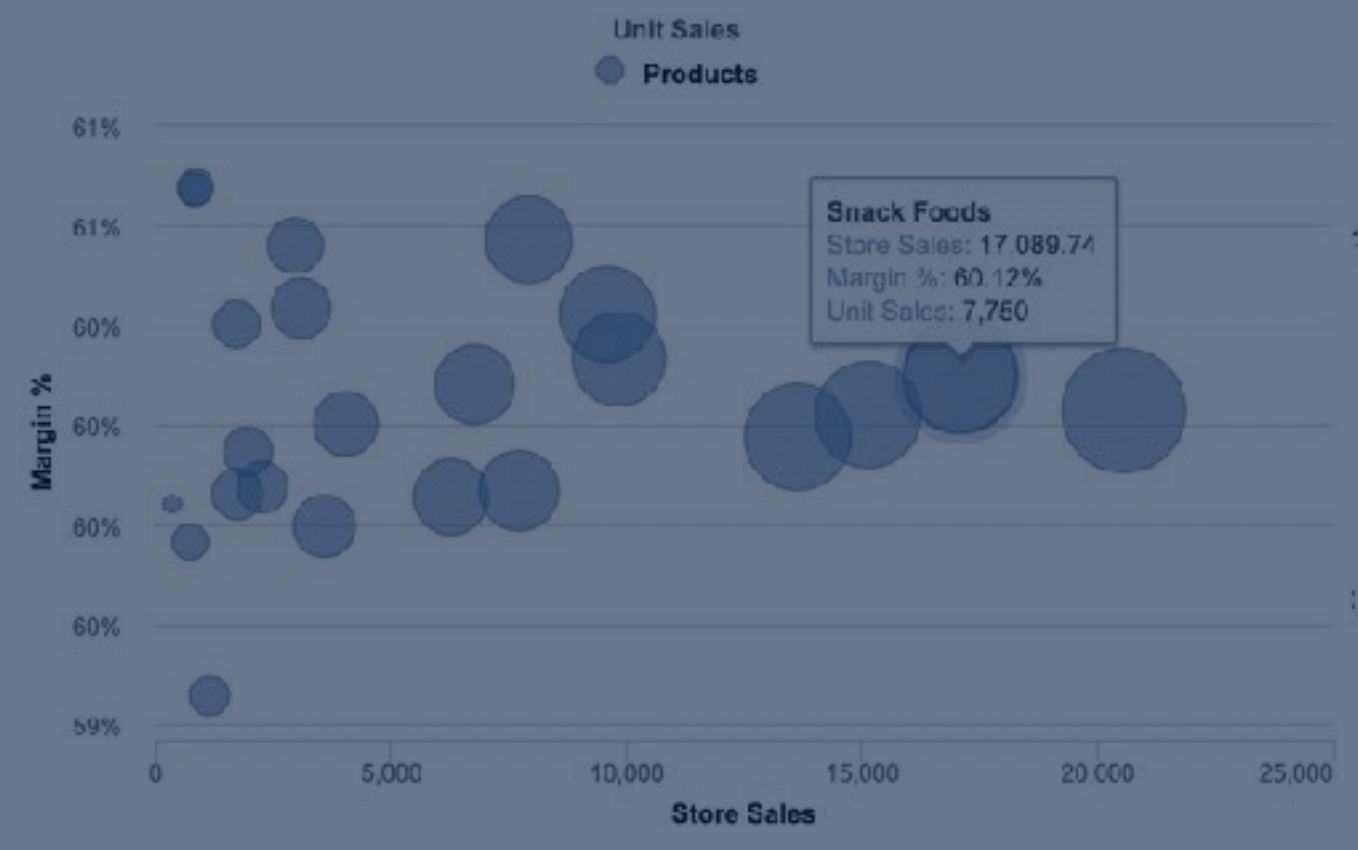
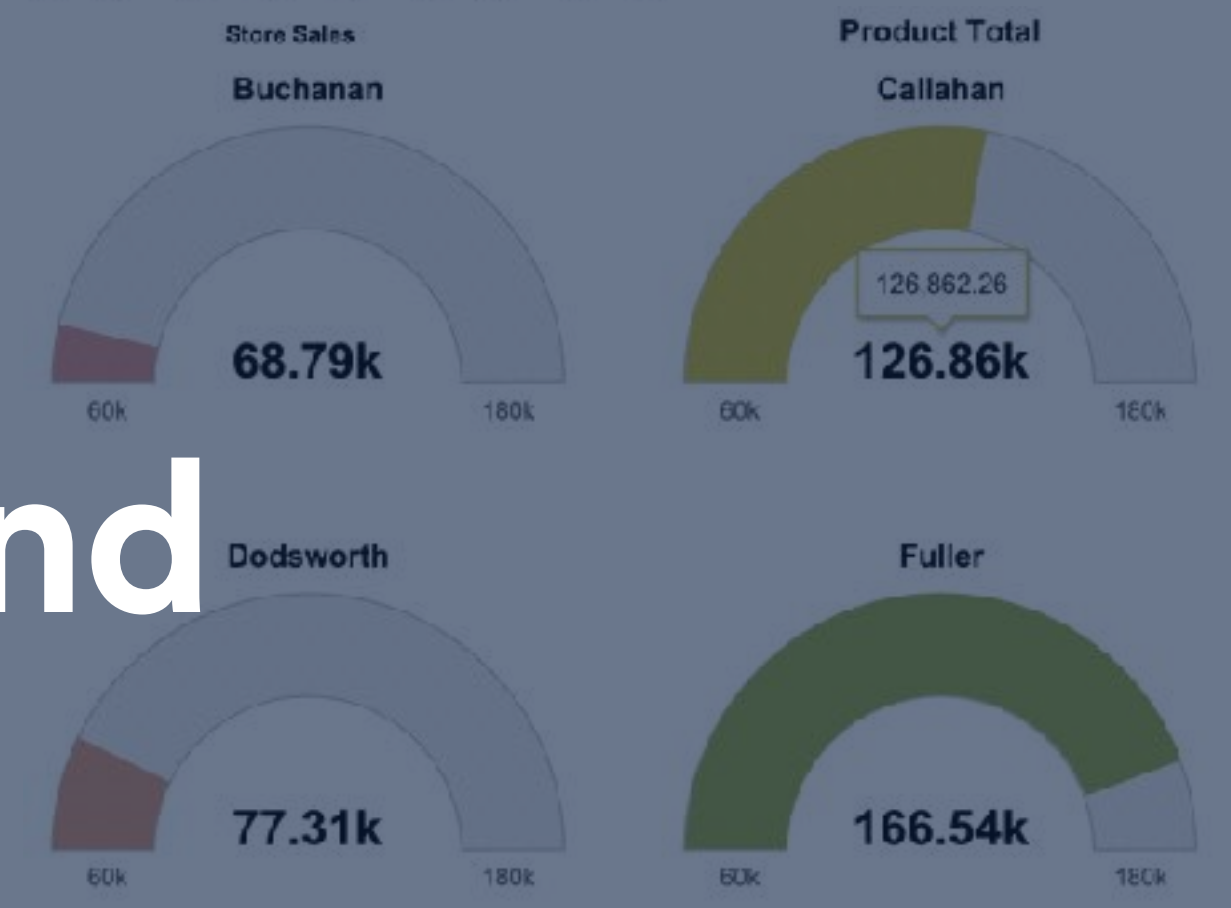
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Demonstration

Building reports, charts and dashboards



Analyze

Reports

Charts

Building reports

Available dimensions and measures

[https://docs.eazybi.com/display/EAZYBIJIRA/
Data+model#Datamodel-Measures](https://docs.eazybi.com/display/EAZYBIJIRA/Data+model#Datamodel-Measures)

How to build a table report

[https://docs.eazybi.com/display/EAZYBI/
Create+reports](https://docs.eazybi.com/display/EAZYBI/Create+reports)

Analyze

Reports

Charts

Visualise with charts

How to create a chart

<https://docs.eazybi.com/display/EAZYBI/Create+charts>

How to select the right chart type

[https://eazybi.com/blog/
data_visualization_and_chart_types](https://eazybi.com/blog/data_visualization_and_chart_types)

Publish

Dashboards

Gadgets

iframe

eazyBI dashboards

How to publish reports and charts in eazyBI dashboard

[https://docs.eazybi.com/display/EAZYBI/
Create+dashboards](https://docs.eazybi.com/display/EAZYBI/Create+dashboards)

Publish

Dashboards

Gadgets

iframe

Jira and Confluence dashboards

How to add eazyBI reports and dashboards using gadgets

<https://docs.eazybi.com/display/EAZYBIJIRA/eazyBI+gadgets+in+Jira+dashboards+and+Confluence+pages>

Publish

Dashboards

Gadgets

iframe

Other web pages

How to embed eazyBI reports and dashboards using iframe

<https://docs.eazybi.com/display/EAZYBIJIRA/Embedded+iframe+visible+to+non-Jira+users>



Thank you!

Questions?



community.eazybi.com

support@eazybi.com