



Sprint reports in eazyBI

Sep 23, 2021



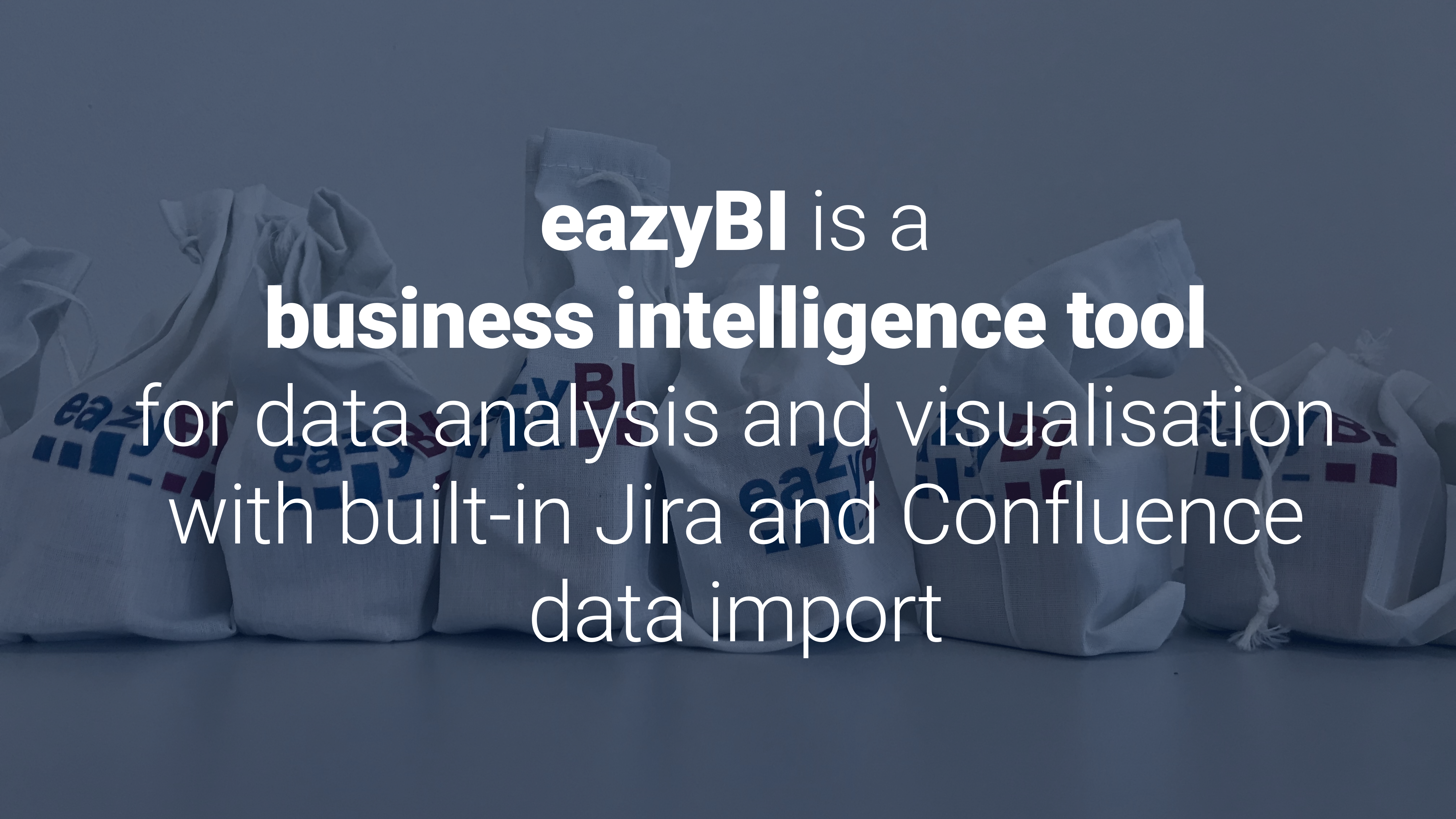
Building blocks in eazyBI

**Sprint Scope
metrics and
reports**

**Differences in
eazyBI and Jira**

Go advanced!

Building blocks in eazyBI



easyBI is a
business intelligence tool
for data analysis and visualisation
with built-in Jira and Confluence
data import

Jira & apps

Confluence

{REST:API}

Excel

SQL

Google Sheets

CSV

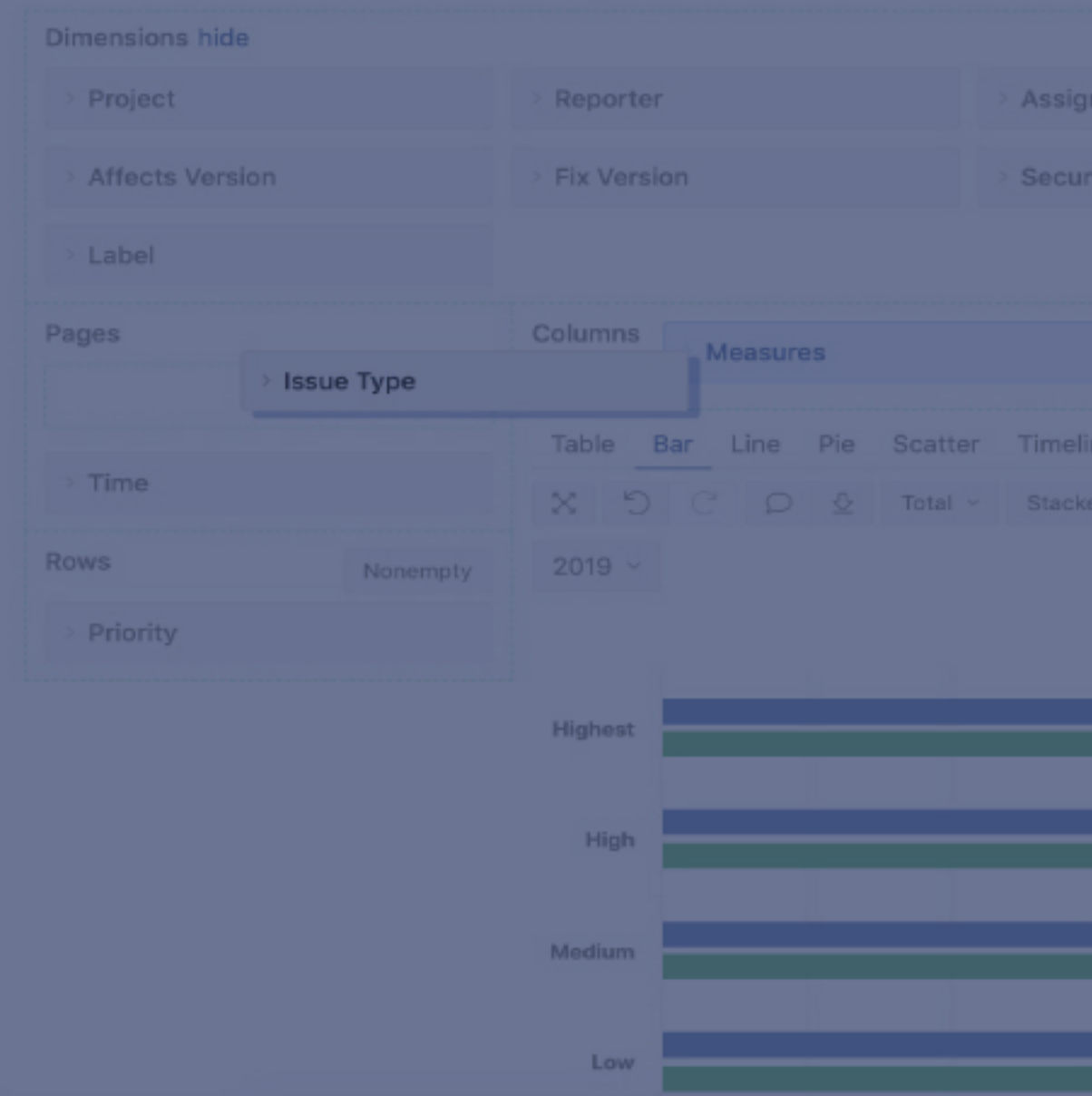
IMPORT DATA



CREATE REPORTS



PUBLISH



Jira & apps

Confluence

{REST:API}

Excel

SQL

Google Sheets

CSV

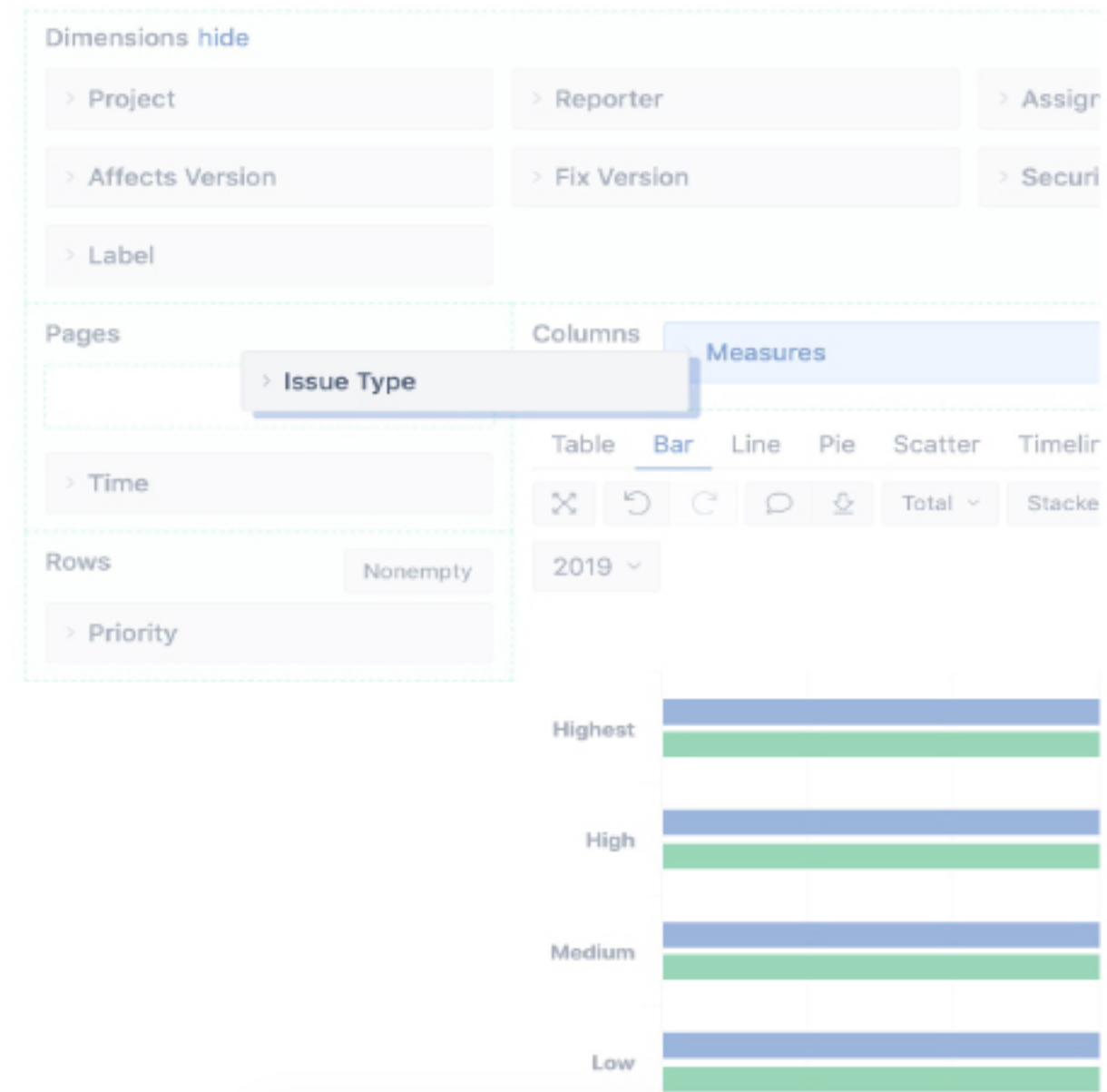
IMPORT DATA



CREATE REPORTS



PUBLISH



Jira & apps

Confluence

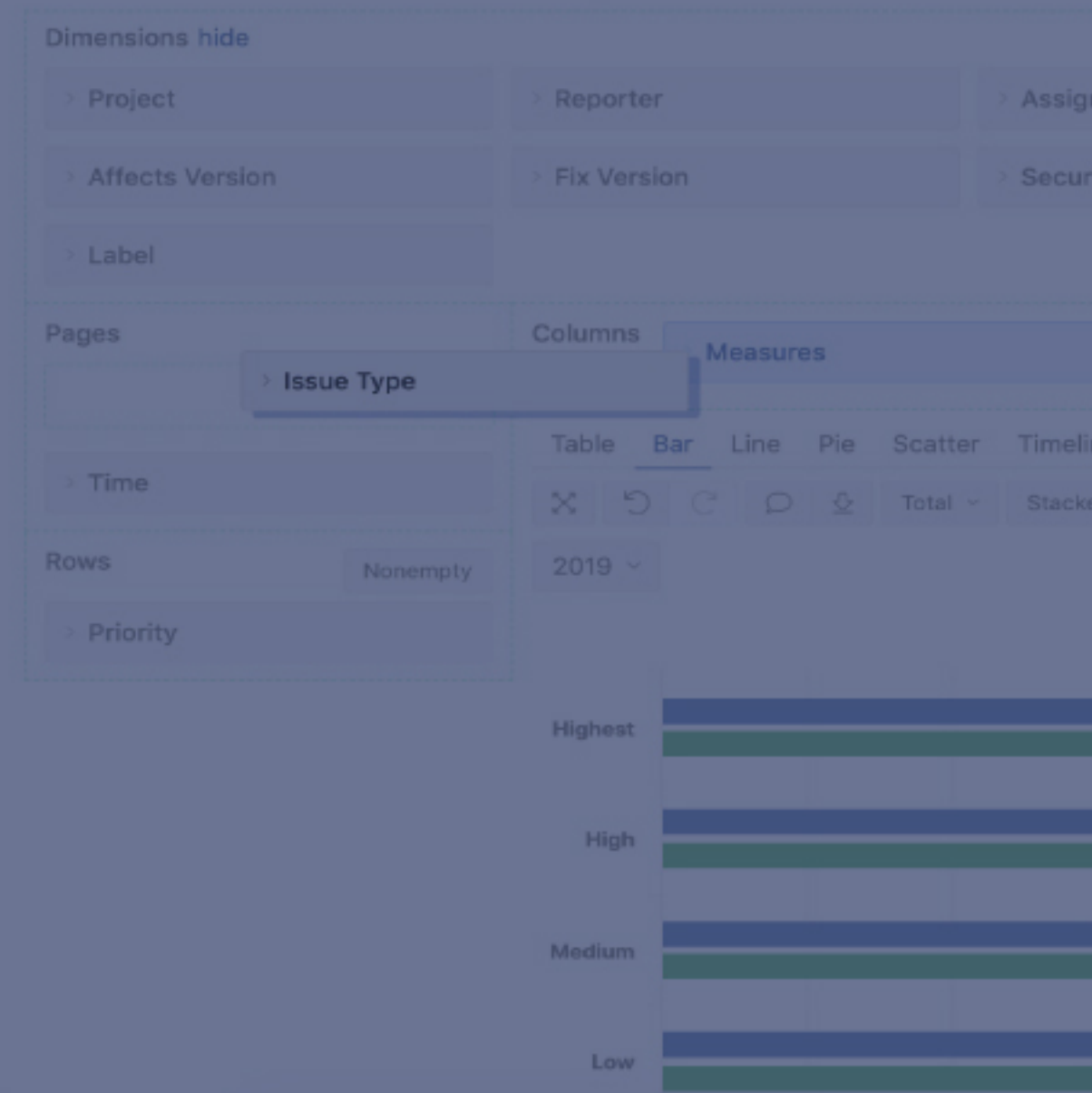
{REST:API}

Excel

SQL

Google Sheets

CSV



IMPORT DATA



CREATE REPORTS



PUBLISH

Jira import options

General

Add-ons

Custom fields

Additional options

Jira projects

Select Jira projects

Projects Categories

Select individual Jira projects or project categories which you would like to import into eazyBI.

MOD

PM

ROD

Select all

Clear selection

Agile Custom fields

[Read more about Agile custom fields](#)

Custom field	Import as dimension	Import as measure	Import as property	Import value changes
Epic Link	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Rank			<input type="checkbox"/>	
Sprint	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Story Points		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Story points

Agile hide

Story Points created Story Points due Story Points resolved Story Points closed Story Points with due date

Story Points with delivery date Story Points change Sprint start date = show Sprint end date = show

Sprint actual start date = show Sprint actual end date = show Sprint closed? = show Sprint goal = show

Last closed sprints by boards = show Time within Sprint = show Sprint Story Points committed = show

Sprint Story Points added = show Sprint Story Points removed = show Sprint Story Points change = show

Sprint Story Points at closing = show Sprint Story Points not completed = show

Story Points remaining = show Running Story Points

Sprint Story Points guideline = show Sprint issues removed = show Sprint issues at closing = show

Sprint issues not completed = show Sprint remaining estimated hours removed = show

Cumulative Story Points resolved = show

Use those measures for **general** reporting

Pages Nonempty

- > Project
- > Fix Version

Columns > Measures

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

DEMO 001 1.0

	Issues resolved	Story Points resolved	Hours spent
Highest	3	10	17.00
High	5	26	29.00
Medium	3	19	27.00
Low	3	6	11.00
Lowest	2	7	9.00

Rows Nonempty

- > Priority

Sprints

Dimensions [hide](#)

> Project	> Reporter	> Assignee	> Issue Type	> Priority
> Status	> Resolution	> Affects Version	> Fix Version	> Security Level
> Issue	> Logged by	> Label	> Time	> Transition Status
> Transition	> Transition Author	> Age interval	> Resolution interval	> Week Day

Advanced Roadmaps show 7 dimensions

Agile [hide](#)

> Epic Link	> Sprint
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Custom fields show 1 dimension Linked issue dimensions show 1 dimension Service

Pages Nonempty

> Project

Columns Measures

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

Ordered by Issue Sprints ↓ Total ↓ Freeze header

Demo 004 ↓

	Issues created	Issues resolved
- All Sprints	41	16
- (no board)	28	7
(no sprint)	28	7
- D4 board	13	9
D4 Sprint 1	2	2
D4 Sprint 3	1	1
D4 Sprint 4	2	2
D4 Sprint 8	4	4
D4 Sprint 12	4	

Rows Nonempty

▼ Sprint

▼ Select individual members

All Sprints [edit](#)

All closed sprints = [show](#)

Sprints - last 3 years = [edit](#)

[Define new calculated member](#)
[Search and bookmark](#)

> All hierarchy level members

> Drill into or expand

Pages

Issue sprint properties

Issue	Issue Sprints	Issue Sprint	Issue Sprint Status	Issue resolution
D4-14	D4 Sprint 6	(no sprint)	(none)	(unresolved)
D4-35	D4 Sprint 9,D4 Sprint 10,D4 Sprint 11	(no sprint)	(none)	Done
D4-44	D4 Sprint 11,D4 Sprint 12	D4 Sprint 12	Active	(unresolved)
D3-98	D3 Sprint 10	D3 Sprint 10	Closed	Done
D4-2	D4 Sprint 1,D4 Sprint 2,D4 Sprint 3,D4 Sprint 8	D4 Sprint 8	Closed	Done

1. "Issue Sprints" (plural) shows the same information as visible in the issue screen in Jira - the list of the closed sprints the issue was included and the issue active sprint
2. "Issue Sprint" (singular) shows the issue *current* sprint

Issue sprint properties

Issue	Issue Sprints	Issue Sprint	Issue Sprint Status	Issue resolution
D4-14	D4 Sprint 6	(no sprint)	(none)	(unresolved)
D4-35	D4 Sprint 9,D4 Sprint 10,D4 Sprint 11	(no sprint)	(none)	Done
D4-44	D4 Sprint 11,D4 Sprint 12	D4 Sprint 12	Active	(unresolved)
D3-98	D3 Sprint 10	D3 Sprint 10	Closed	Done
D4-2	D4 Sprint 1,D4 Sprint 2,D4 Sprint 3,D4 Sprint 8	D4 Sprint 8	Closed	Done

1. D4-14 and D4-35 were not resolved during previous sprints and are not assigned to any of ongoing (active) sprints.
D4-14 is still unresolved, D4-35 is resolved outside sprints
2. D4-44 was not resolved in Sprint 11, currently is included in the active Sprint 12
3. D3-98 was included in the Sprint 10 and was resolved in it
D4-2 was included in several past sprints, but resolved in Sprint 8 (also closed now)

Sprint scope metrics and reports

Sprint scope measures

Sprint sample reports

Agile hide

Story Points created Story Points due Story Points resolved Story Points closed Story Points with due date

Story Points with delivery date Story Points change Sprint start date = [show](#) Sprint end date = [show](#)

Sprint actual start date = [show](#) Sprint actual end date = [show](#) Sprint closed? = [show](#) Sprint goal = [show](#)

Last closed sprints by boards = [show](#) Time within Sprint = [show](#) Sprint Story Points committed = [show](#)

Sprint Story Points added = [show](#) Sprint Story Points removed = [show](#) Sprint Story Points change = [show](#)

Sprint Story Points at closing = [show](#) Sprint Story Points completed = [show](#)

Sprint Story Points not completed = [show](#) Sprint Story Points commitment changes = [show](#)

Story Points remaining = [show](#) Running Story Points velocity for 5 closed sprints = [show](#)

Sprint Story Points guideline = [show](#) Sprint issues committed = [show](#) Sprint issues added = [show](#)

Sprint issues removed = [show](#) Sprint issues at closing = [show](#) Sprint issues completed = [show](#)

Sprint issues not completed = [show](#) Sprint remaining estimated hours added = [show](#)

Sprint remaining estimated hours removed = [show](#) Story Points history = [show](#)

Cumulative Story Points resolved = [show](#)

eazyBI

Sprint scope
measures

**Sprint sample
reports**

Sample reports: use out-of-the-box

Standard reports

- Sprint Velocity report
- Sprint story points burn-down
- Sprint report

Additional

- Story points balance by sprints
- Sprint issues by status category at sprint end

Adjust them (customize chart, add/remove measures or additional Page filters) and **Save as** as your own report

Differences in easyBI and Jira

(no sprint)

“missing” sprints

Committed

Completed

Added/removed

Sub-tasks

“Why the issue is counted to (no sprint)?”

- The issue currently is not assigned to any of active sprints
- The issue is not resolved during any of closed sprints
- Standard measures “... created”, “... resolved”, etc. are used in the report

What to do?

- Use sprint scope measures to count issue to closed sprints

Issue	Sprint	Issues created	Sprint issues at closing	Sprint issues not completed	Issue Sprint	Issue Sprints
D4-8	(no sprint)	1			(no sprint)	D4 Sprint 6
	D4 Sprint 6		1	1	(no sprint)	D4 Sprint 6

eazyBI

(no sprint)

“missing” sprints

Committed

Completed

Added/removed

Sub-tasks

“I can not find the sprint under the expected board”

- Sprint does not have any issue
- Original sprint board has been removed from Jira

Rules:

**Each sprint can have only one board in Sprint dimension
Sprint is included in the board where it has been created**

What to do?

- Use “Search and bookmark” in Sprints dimension to find the sprint
- Find alternative way how to map sprints to boards (custom hierarchy in Sprint dimension)

eazyBI

(no sprint)

“missing” sprints

Committed

Completed

Added/removed

Sub-tasks

“The count of committed issues is not as expected”

- Issues are committed if they were assigned to the sprint at the sprint start moment
- Issue status at sprint start is not taken into account
- A snapshot at the moment when sprint started: any further issue changes do not affect measure
- Report context affects the measure

What to do?

- Use “Sprint report” to find out how particular issues are counted to measures
- Check issue change history

eazyBI

(no sprint)

“missing” sprints

Committed

Completed

Added/removed

Sub-tasks

Pages

> Sprint

Columns > Measures

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

Hide empty rows Total Freeze header

D3 Sprint 10

	Sprint Story Points committed	Sprint Story Points added	Sprint Story Points removed	Sprint Story Points change	Sprint Story Points completed	Sprint Story Points not completed
D3-70	9				9	
D3-72	7				7	
D3-74	3				3	
D3-75	6				6	
D3-79	7				7	
D3-85	5		5.00			
D3-86	3				3	
D3-87	5				5	
D3-98		5.00			5	

eazyBI

(no sprint)

“missing” sprints

Committed

Completed

Added/removed

Sub-tasks

D3 Sprint 10 ▾

Closed Sprint, ended by [Patrick Lewis](#)

25/Sep/17 12:52 PM - 16/Oct/17 12:40 PM

 [Patrick Lewis](#) made changes - 04/Sep/17 12:00 PM

Assignee

[JDG REST Admin \[jdg-rest-admin \]](#)

[David Sand \[dsand \]](#)

 [Patrick Lewis](#) made changes - 29/Sep/17 10:43 AM

Sprint

[D3 Sprint 10 \[36 \]](#)

 [David Sand](#) made changes - 10/Oct/17 2:13 PM

Assignee

[David Sand \[dsand \]](#)

[Duncan Snow \[dsnow \]](#)

(from D3-98 history)

eazyBI

(no sprint)

“missing” sprints

Committed

Completed

Added/removed

Sub-tasks

			Sprint issues committed	Sprint issues added	Sprint issues completed
D3 Sprint 10	D3-98	- All Assignees		1	1
		David Sand		1	
		Duncan Snow			1

D3 Sprint 10 ▾

Closed Sprint, ended by [Patrick Lewis](#)

25/Sep/17 12:52 PM - 16/Oct/17 12:40 PM

 [Patrick Lewis](#) made changes - 04/Sep/17 12:00 PM

Assignee

[JDG REST Admin \[jdg-rest-admin \]](#)

[David Sand \[dsand \]](#)

 [Patrick Lewis](#) made changes - 29/Sep/17 10:43 AM

Sprint

[D3 Sprint 10 \[36 \]](#)

 [David Sand](#) made changes - 10/Oct/17 2:13 PM

Assignee

[David Sand \[dsand \]](#)

[Duncan Snow \[dsnow \]](#)

eazyBI

(no sprint)

“missing” sprints

Committed

Completed

Added/removed

Sub-tasks

“The count of completed issues is not as expected”

- The issue is counted as completed if
 - it was assigned to sprint at sprint closing
 - it was in the status of “Done” status category at that moment
- No further status changes are taken into account
- Report context affects the measure

What to do?

- Check issue change history
- Check “Done”/“Complete” column status mapping for the sprint board and adjust completed measures accordingly

eazyBI

(no sprint)

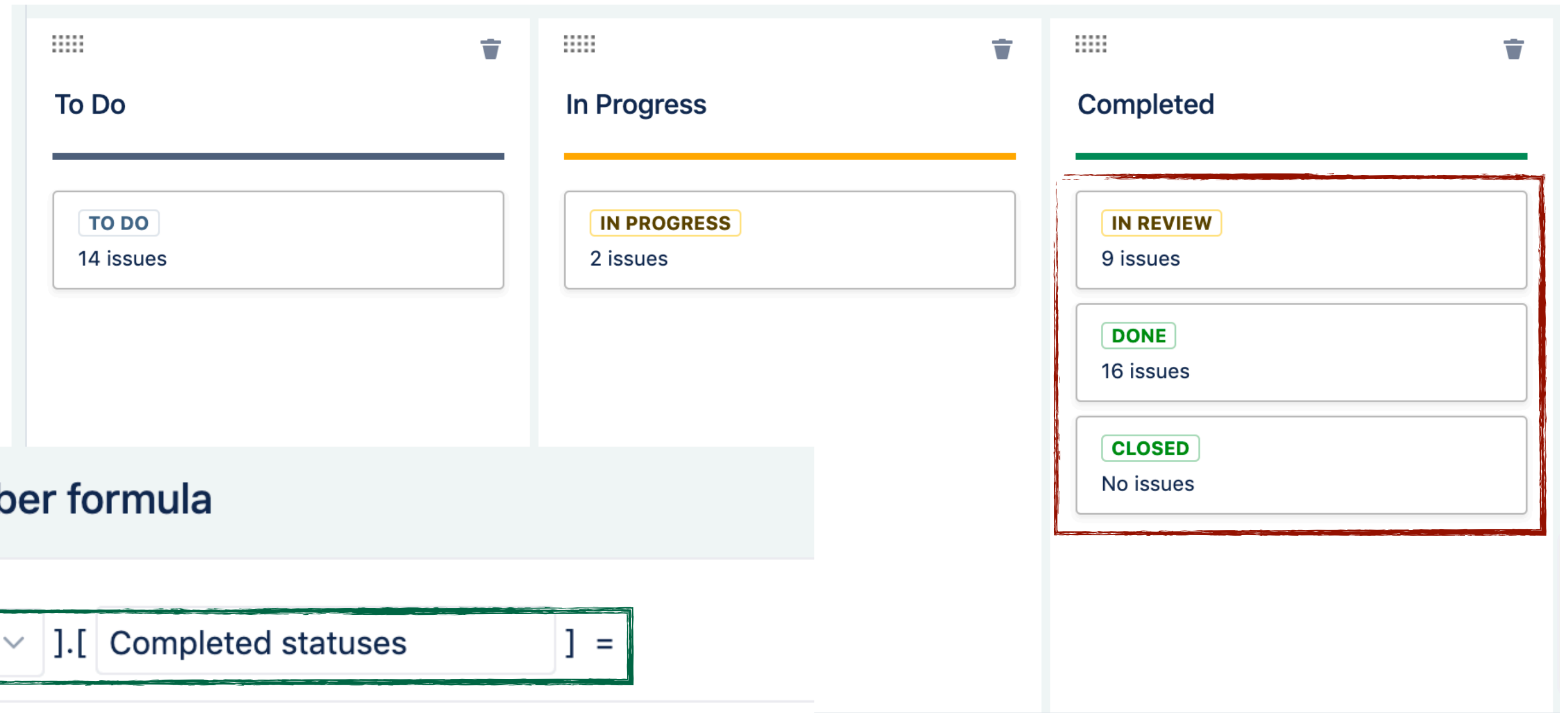
“missing” sprints

Committed

Completed

Added/removed

Sub-tasks



Define calculated member formula

[Transition Status] . [Completed statuses] =

```
1 Aggregate(  
2   { [Transition Status].[In Review],  
3     [Transition Status].[Done],  
4     [Transition Status].[Closed] }  
5 )
```

Define calculated member formula

[Measures].[Sprint issues done] =

```
1 (  
2   [Measures].[Sprint issues at closing],  
3   [Transition Status].[Completed statuses]  
4 )  
5
```


eazyBI

(no sprint)

“missing” sprints

Committed

Completed

Added/removed

Sub-tasks

“Values of added/removed issues are larger than expected”

- eazyBI counts all issue changes during the sprint

What to do?

- For sprint balance report, it is important to count all changes to keep the balance
- Create calculated measures "Sprint Issues removed issues count" / "Sprint Issues added issues count"

```
( [Measures].[Transitions from issues count],  
  [Transition Field].[Sprint status],  
  [Sprint Status].[Active],  
  -- An issue was removed from an active sprint  
  [Issue Sprint Status Change].[Active => (none)] )
```

eazyBI

(no sprint)

“missing” sprints

Committed

Completed

Added/removed

Sub-tasks

“Sub-task data for closed sprints is not consistent”

- Sub-task change history in Jira does not contain sprint information. eazyBI counts sub-tasks for parent issue last sprint.

What to do?

- Use “Issue type” dimension to filter only parent issue types to avoid noise

easyBI

(no sprint)

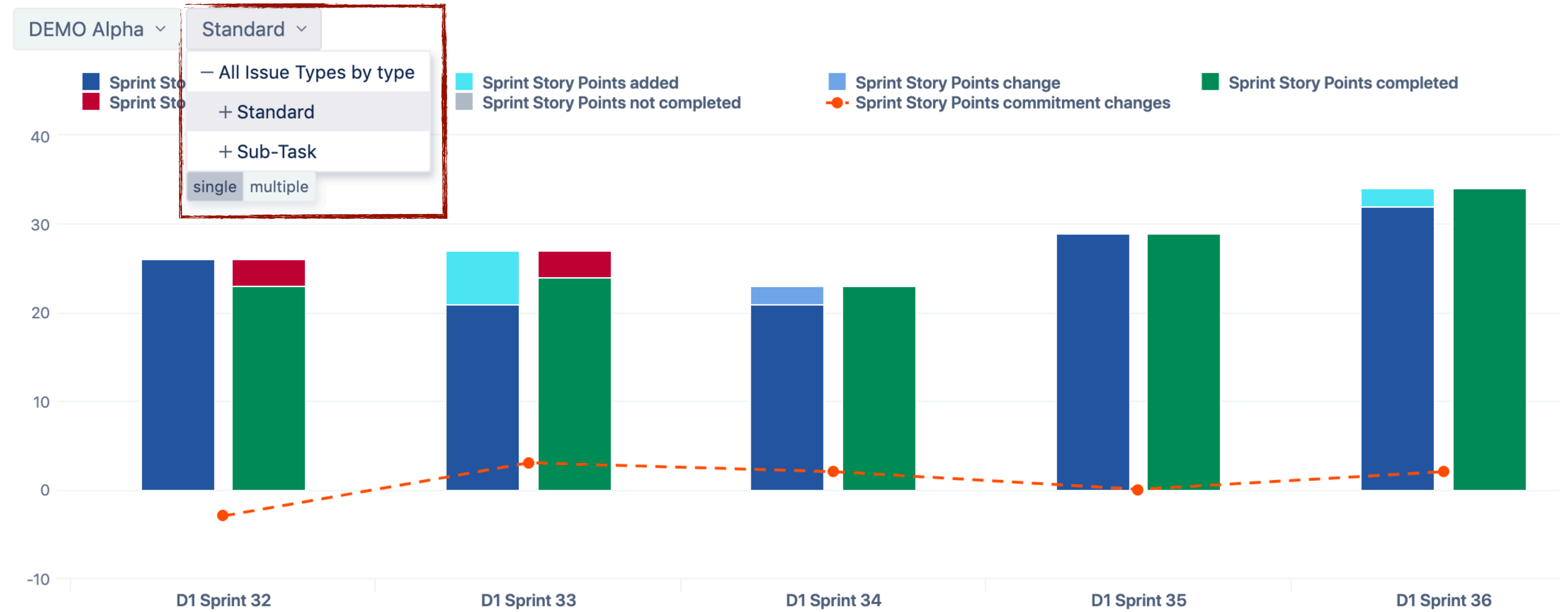
“missing” sprints

Committed

Completed

Added/removed

Sub-tasks



Go advanced!

Sprint scope by time tracking

Parallel sprints

Sprint custom
hierarchy

Sprint report (Time tracking)

- <https://eazybi.com/accounts/1000/cubes/Issues/reports/93784-sprint-report-time-tracking>

Time Tracking Burndown in selected sprint

- <https://eazybi.com/accounts/1000/cubes/Issues/reports/144076-time-tracking-burndown-in-selected-sprint>

eazyBI

Sprint scope by
time tracking

Parallel sprints

Sprint custom
hierarchy

Multiple sprints dashboard

- <https://eazybi.com/accounts/1000/dashboards/47165-multiple-sprints>

Sprint scope by
time tracking

Parallel sprints

**Sprint custom
hierarchy**

Default hierarchies in Sprint dimension

- <https://eazybi.com/accounts/1000/cubes/Issues/reports/725642-story-points-resolved-in-sprints-vs-out-of-sprints>

Sprints by weeks (custom hierarchy)

- <https://eazybi.com/accounts/22010/cubes/Issues/reports/725641-sprints-by-weeks-balance>

Community post how to import Sprint custom hierarchies

- <https://community.eazybi.com/t/combining-different-teams-sprints-into-one/4120/3>



Questions?

community.eazybi.com
support@eazybi.com

An aerial view of a city at night, with a color gradient overlay transitioning from red on the left to blue on the right. The text "Thank you!" is centered in white.

Thank you!