

easyBI

Project Reporting in Jira

Ilze Leite-Apine



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“A customer advocate”

**Each report starts with
a question**



Built-in Reports

List

Limits

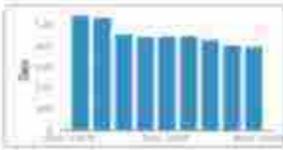
Predefined List of Reports

Add a gadget

Search

CATEGORIES

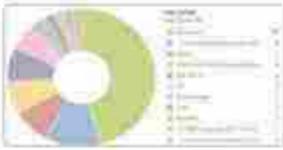
- All 51
- Charts 13
- JIRA 47
- Other 3
- Wallboard 16



Average Age Chart
By Atlassian • Local

Add gadget

Displays the average number of days issues have been unresolved.



Pie Chart
By Atlassian • Local

Add gadget

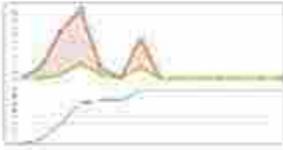
Displays the matching issues for a project or filter as a pie chart.



Recently Created Chart
By Atlassian • Local

Add gadget

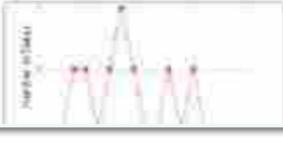
Displays recently created issues for a specified project as a bar chart



Created vs. Resolved Chart
By Atlassian • Local

Add gadget

Displays created issues vs. resolved issues for a project or saved filter.



Average Number of Times in Status
By Atlassian • Local

Add gadget

Built-in Reports

List

Limits

Limited Configuration Options

Created vs. Resolved Chart

Project or Saved Filter:
No Filter/Project selected

Search

Project or saved filter to use as the basis for the graph.
[Advanced Search](#)

Period:
Daily

The length of periods represented on the graph.

Days Previously:
30

Days in the past to collect data for the selected period.

Collection Operation:
Count

Progressively add totals (1.. 2.. 3), or show individual values (1.. 1.. 1).

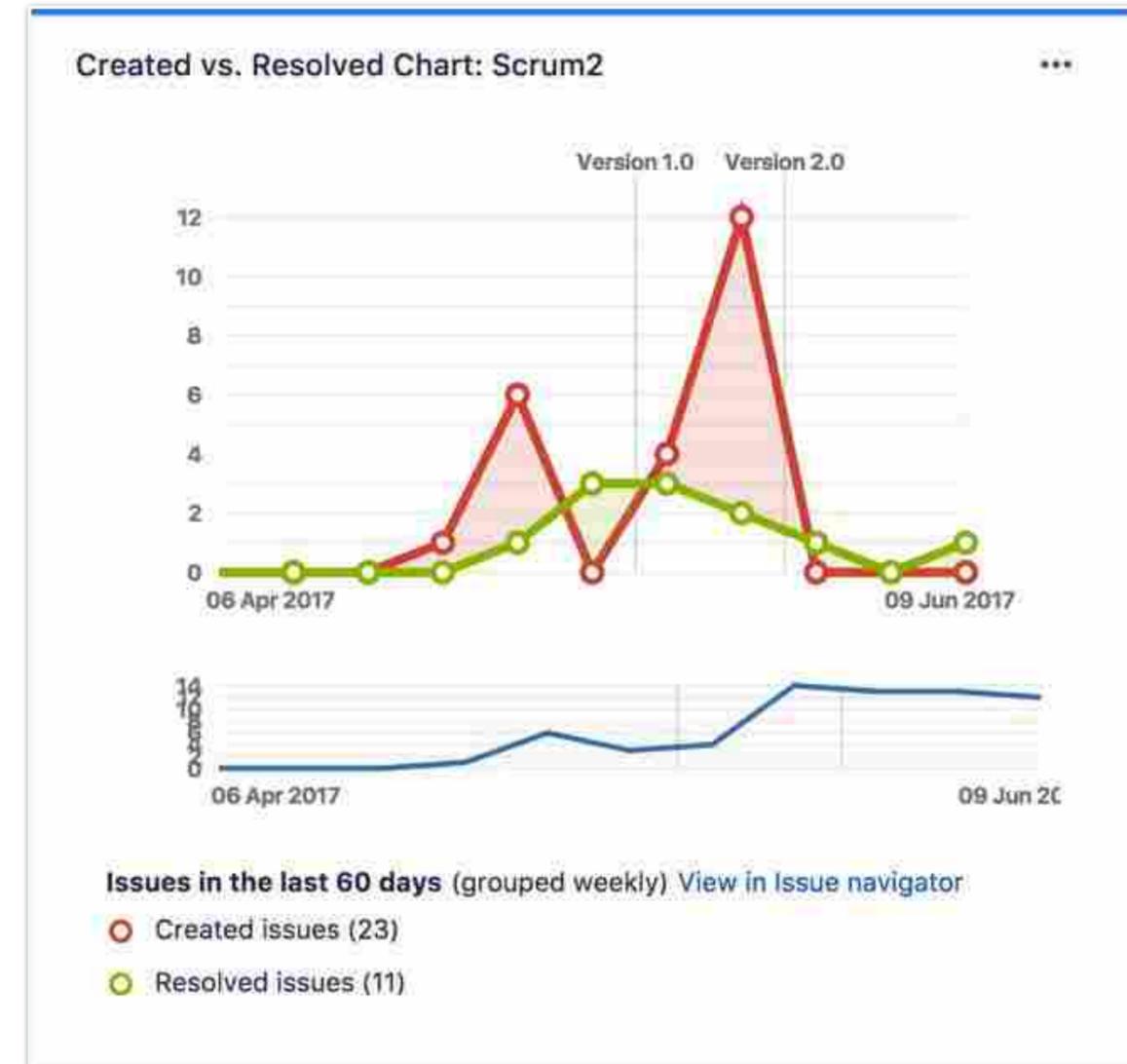
Display the Trend of Unresolved:
No

Show the number of unresolved issues over time in a subplot.

Display Versions:
Only major versions

Show when versions were released on the chart.

Auto refresh
 Update every 15 minutes



Drag-and-Drop Reports

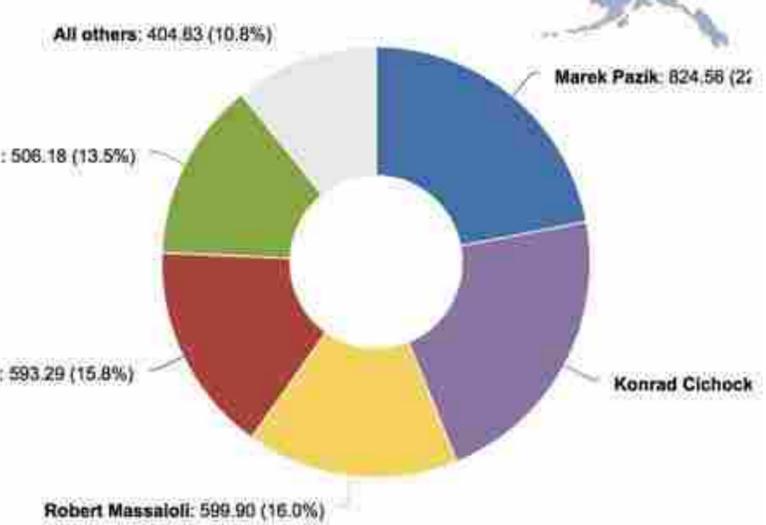
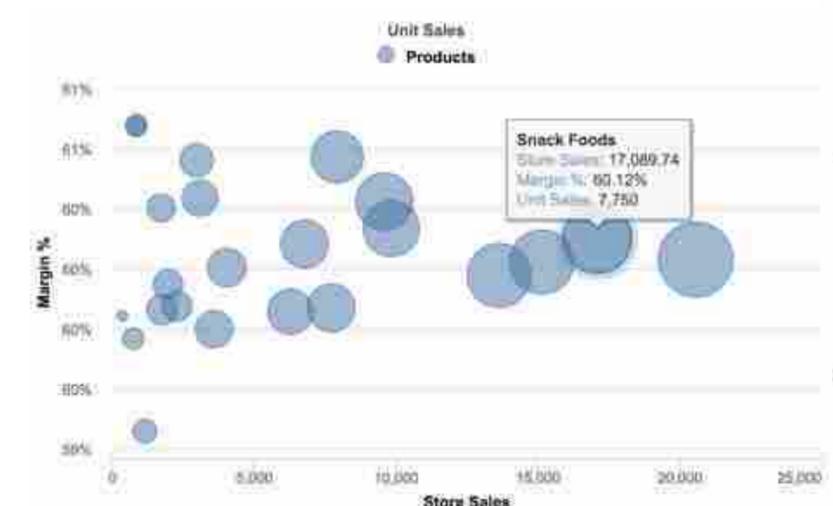
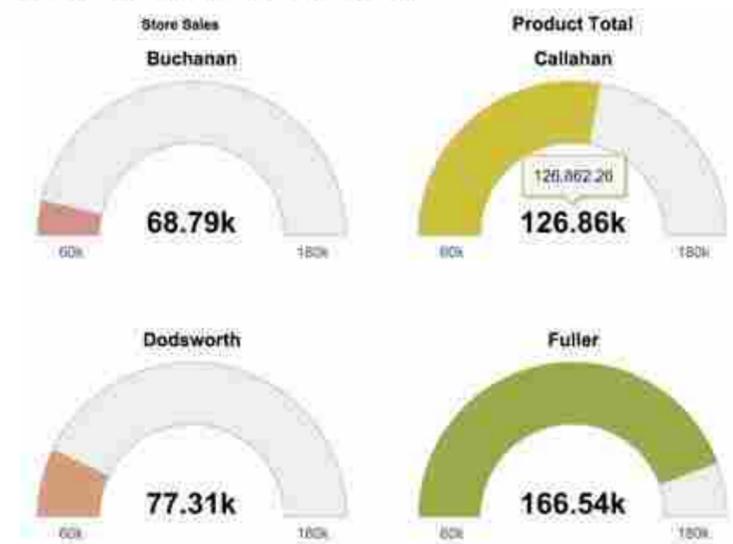
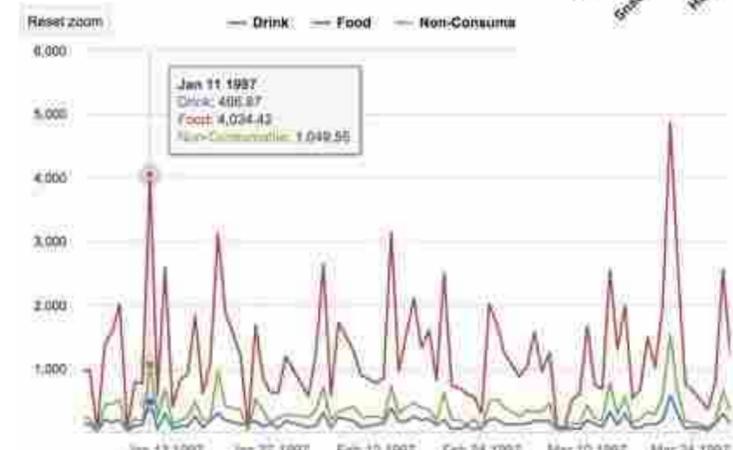
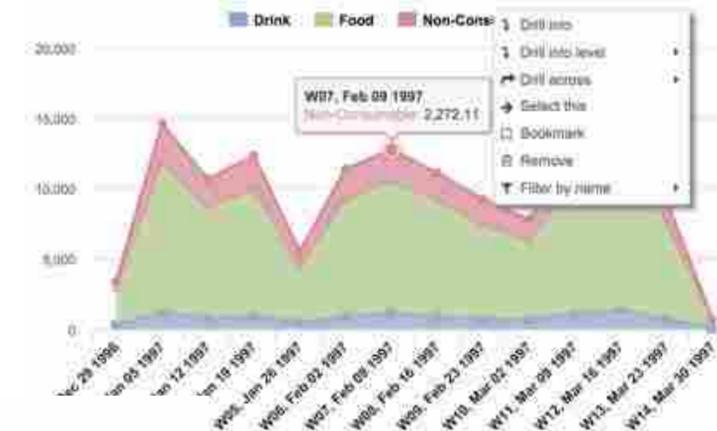
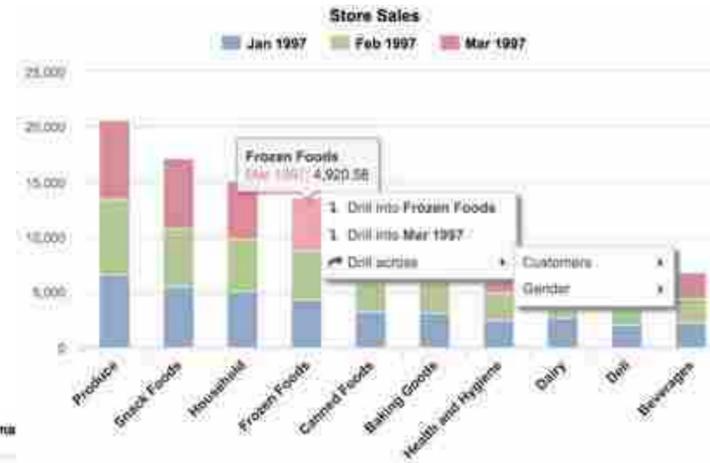
The interface includes several sections for report configuration:

- Filters:** Issue Type, Status, Assignee, Priority (with a double-headed arrow icon).
- Dimensions:** Agile show 2 dimensions, Service Desk show 2 dimensions.
- Pages:** Drag here if needed.
- Columns:** Measures.
- Rows:** Time, Nonempty.
- Visualizations:** Table, Bar, Line, Pie, Scatter, Timeline, Map, Gantt, Gauge.
- Table Controls:** Hide empty, Total, Freeze header.

	Issues created	Issues resolved	Issues closed	Sub-tasks created
+2009	118	82	10	2
+2010	1,008	928	5	176
+2011	731	561	9	104
+2012	1,365	1,077	38	97
+2013	488	771	254	52

Many Chart Types

	Store Sales	Store Cost	Unit	Average
- All Customers	139,628.35	55,752.240		
- USA	139,628.35	55,752.240		
- CA	36,175.20	14,431.065		
- OR	40,170.29	16,061.073		
- Albany	4,491.26	1,762.817		
- Beaverton	2,407.97	900.352		
- Corvallis	5,695.13	2,281.248		
- Lake Oswego	2,262.56	907.6483	1,102	6.41
- Lebanon	5,934.60	2,390.0872	2,928	6.40
- Milwaukie	2,892.32	1,155.6925	1,345	6.92
- Oregon City	2,324.63	929.6752	1,113	6.55
- Portland	2,122.12	847.5167	1,001	6.85
- Salem	4,251.81	1,697.3038	2,194	6.28
- W. Linn	2,161.61	871.0418	1,041	6.56



Powerful Calculations

Define calculated member formula

[Measures].[Average resolution days] =

```
CASE
  WHEN
    [Measures].[Issues resolved] > 0
  THEN
    [Measures].[Total resolution days] /
    [Measures].[Issues resolved]
  END
```

Formatting #,###.## Decimal

Read [calculated members tutorial](#) to learn about calculated member formulas. You can select members, operators and frequently used functions from sidebar to insert them into calculated member formula.

Operators

+ - * / ()
and or not < <=
= >= > <>

Member functions

.CurrentMember .PrevMember
ParallelPeriod

Set functions

.Members .Children Descendants
Filter

Aggregators

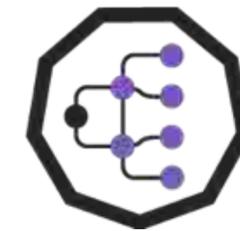
Count Sum Avg Median

Update Delete cancel

Data from Jira Apps and Custom Fields



Adaptavist Test Management
for JIRA Server



Insight



TEMPO

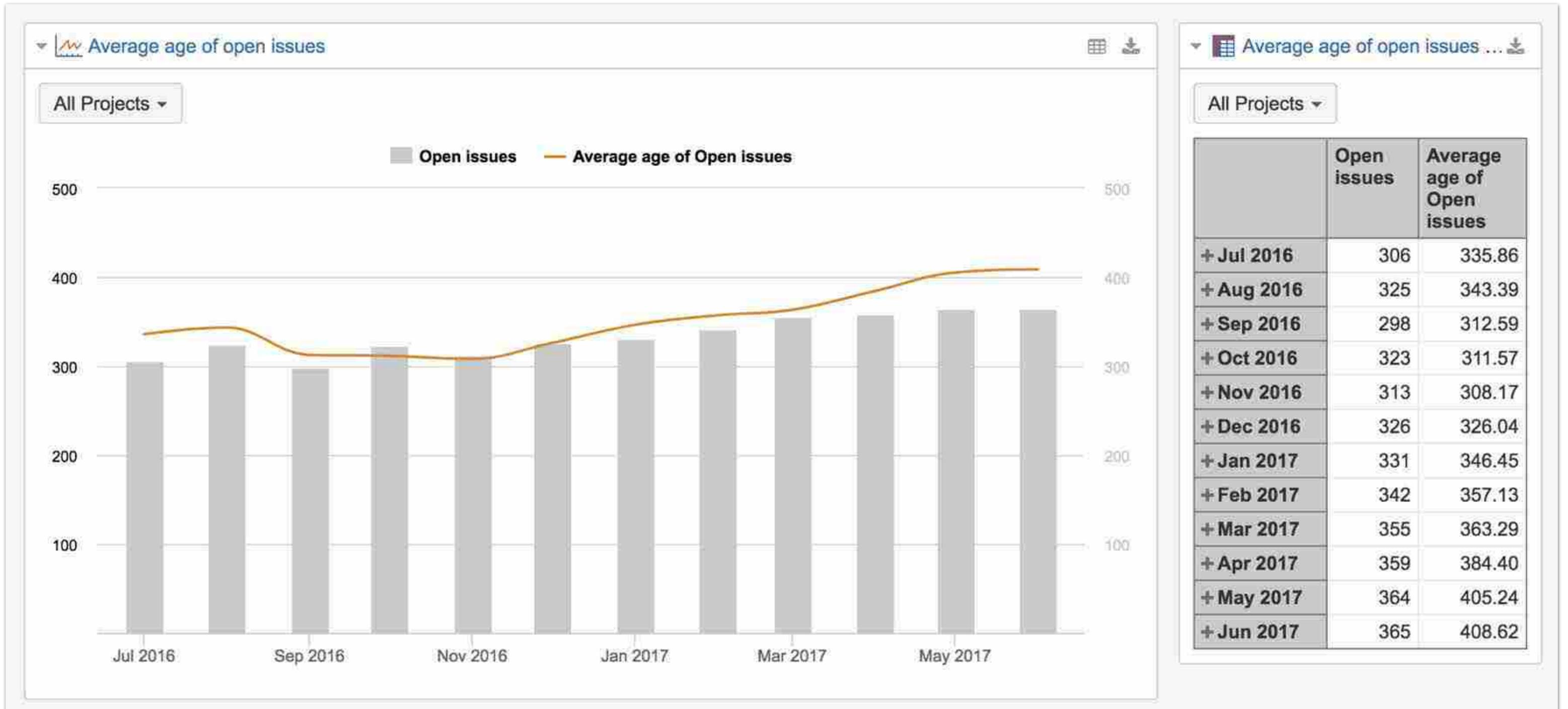


**PROFIELDS
DEISER**

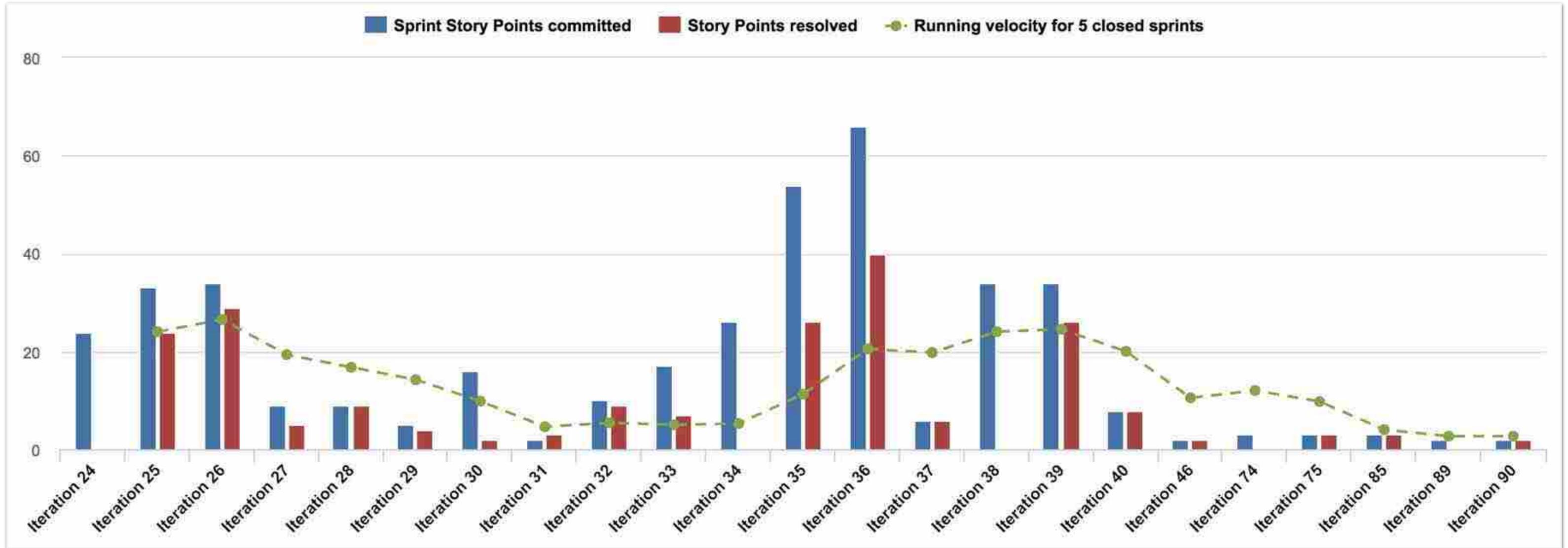
Data Sources



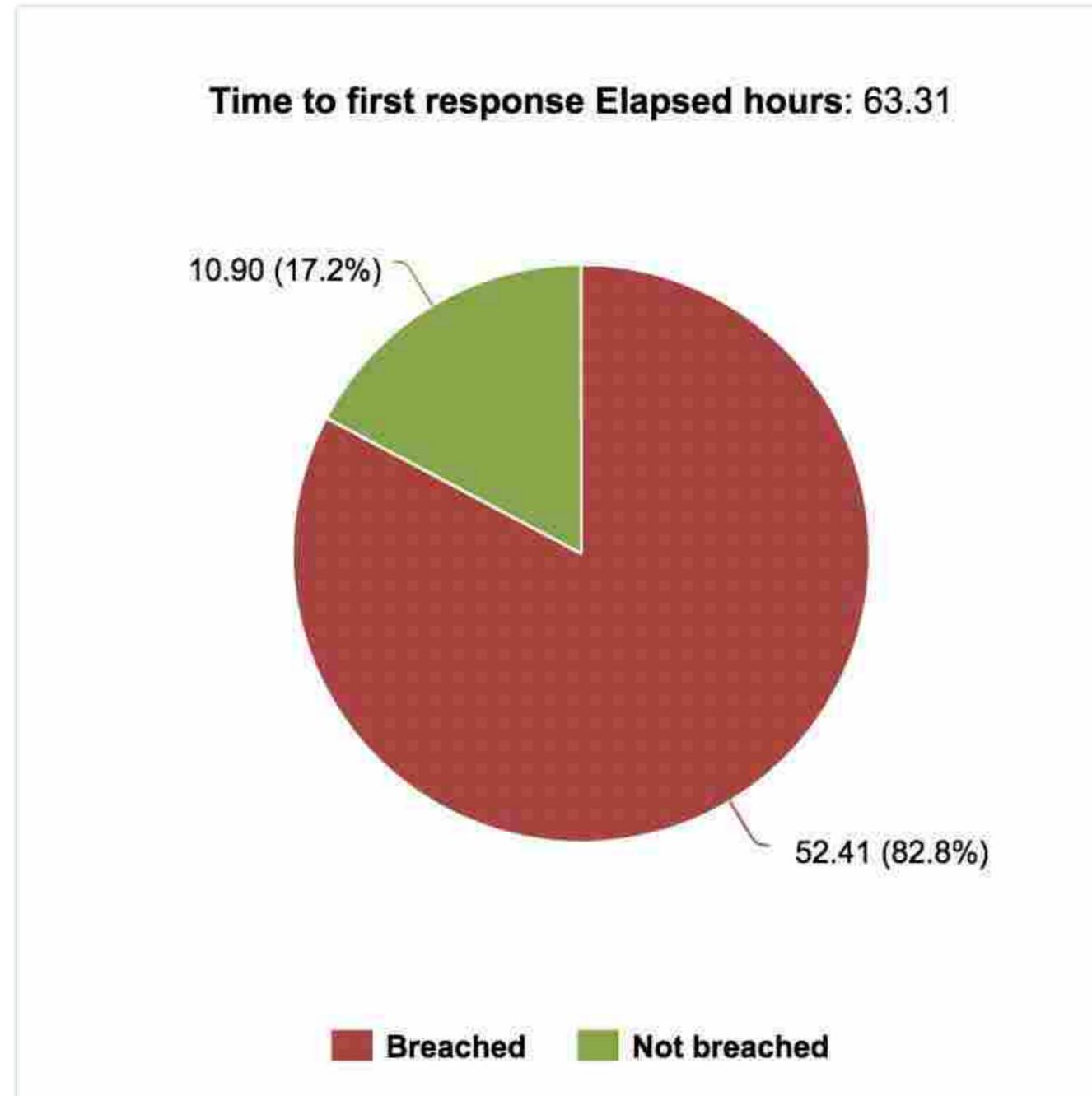
Average Age Report



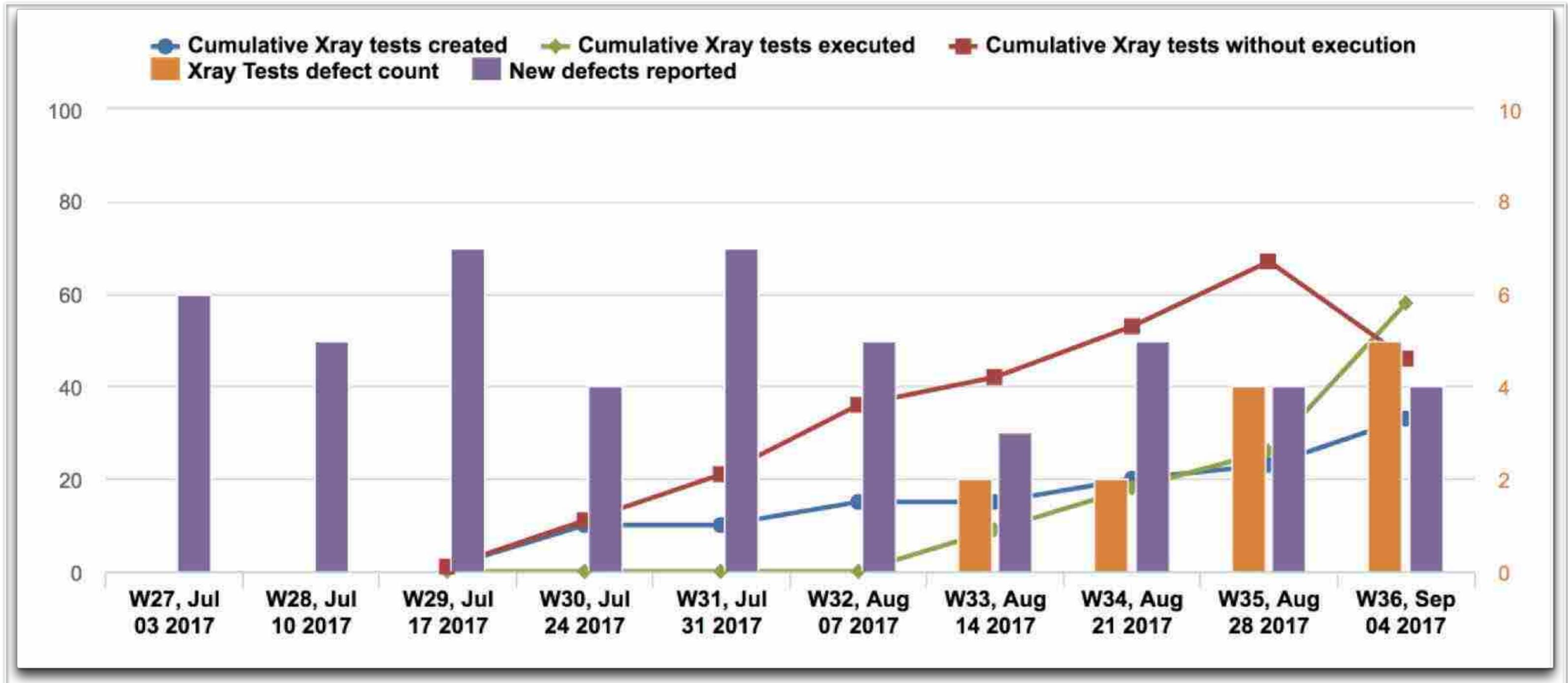
Sprint Velocity Chart



Time to Resolution Elapsed Hours



Executed Tests vs Found Defects



Insight Assess Overview

Asset ▼

		Objects created	Object Asset Purchase date	Object Asset Warranty date	Object Asset Model	Object status
Ilze LA	Adam Monitor	1	Oct 10 2016	Oct 10 2018	24" Full HD LED	Active
	Adam Phone	1	Apr 01 2017	Apr 01 2018	Galaxy S7	Active
	Adam Laptop	1	Oct 10 2016	Oct 10 2018	ZenBook UX330UA	Active
Anna Linda	Anna Monitor	1	Feb 01 2016	Feb 01 2018	24" UHD LED IPS	Active
	Anna Laptop	1	Feb 01 2016	Feb 01 2018	Surface	In Service
	Anna Phone	1	Jun 10 2016	Jun 10 2018	iPhone 8 Plus	Active
Cassy Rock	Cassy laptop	1	Apr 10 2016	Apr 10 2019	Apple MacBook Pro 13'	Active
Monica Walker	Monica phone	1	Jun 15 2016	Jun 15 2018	iPhone 7	Active
	Monica laptop	1	Jun 01 2016	Jun 01 2018	Apple MacBook Air	Active
Total		9				



How to think report-wise?

**Remember:
start with the question**

How to build a report?

Data

What data answers the question?

Representation

How to tell the story?

Implementation

How to build a report?

Data

What data answers the question?

Representation

How to tell the story?

Implementation

How to build a report?

Data

What data answers the question?

Representation

How to tell the story?

Implementation

How to build a report?

Data

What data answers the question?

Representation

How to tell the story?

Implementation

Data

Content

Availability

What is “actual work”?

Hours spent. Remaining estimated hours.
Days in status.

Data

Content

Availability

What is “actual work”?

What does “team” mean?

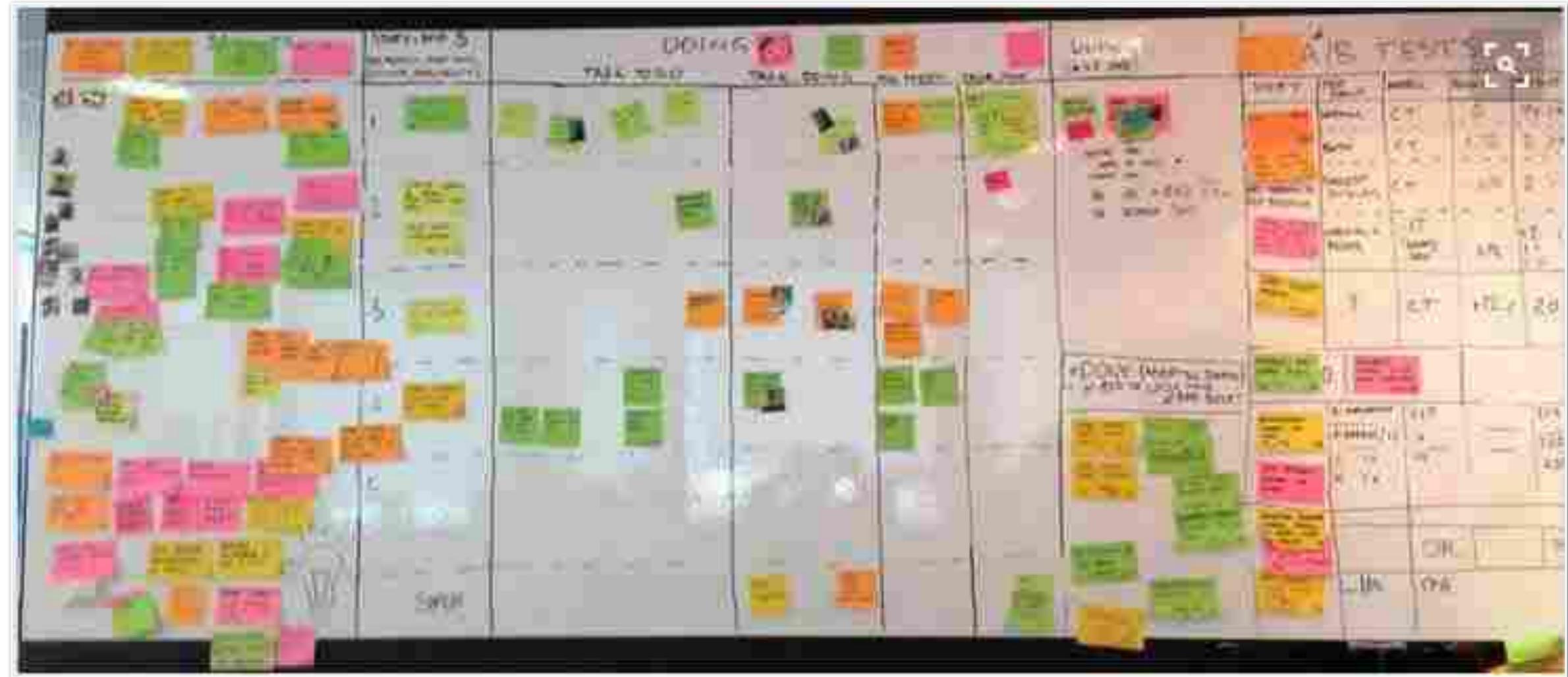
**Project. Jira user group. Custom field.
Dedicated users.**

Data

Do we record the data accurately?

Content

Availability



Data

Content

Availability

Do we record the data accurately?

Where those data are stored?

Probably, I could import them additionally?

How to build a report?

Data

What data answers the question?

Representation

How to tell the story?

Implementation

Representation

Viewpoint

Numbers

Filters

Questions to answer

Who will use the report?

Overview in time or a snapshot?

Probably, there are several reports!

Representation

Viewpoint

Numbers

Filters

What should be in cells?

Issue count. Transition count.

Logged hours.

Total or average days.

Ratio.

Max/min value.

Representation

Viewpoint

Numbers

Filters

What should be in cells?

**How to get a countable
outcome from the input data?**

**Create examples.
Use mathematics.**

Representation

Viewpoint

Numbers

Filters

What is the report context?

Defects and bugs.
Reopened issues only.

Representation

Viewpoint

Numbers

Filters

What is the report context?

How other users would like to filter the report?

Different time periods.

Projects.

Current user.

How to build a report?

Data

What data answers the question?

Representation

How to tell the story?

Implementation

**How much takes to develop
issues for each team?**

Has it changed during time?

Implementation

Dimensions in eazyBI

Viewpoint

Numbers

Filter

Dimensions

› Measures	› 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	
Agile hide		
› Epic Link	› Sprint	
Service Desk hide		
› Time to resolution Breached	› Time to resolution State	

Implementation

Viewpoint

Numbers

Filter

Measures in eazyBI

▼ Measures

▶ Select members

▼ Calculated members

Default hide

Open issues [edit](#) Average resolution days [edit](#) Average resolution workdays [edit](#) Average closing days [edit](#)

Average age days [edit](#) Average age workdays [edit](#) Original estimated hours with sub-tasks [edit](#)

Remaining estimated hours with sub-tasks [edit](#) Hours spent with sub-tasks [edit](#) **Issues history [edit](#)**

Average days in transition status [edit](#) Average workdays in transition status [edit](#) Transition to status first date [edit](#)

Transition to status last date [edit](#) Transition from status first date [edit](#) Transition from status last date [edit](#)

Transitions to assignee [edit](#) Transitions from assignee [edit](#) Remaining estimated hours history [edit](#) Time days ago [edit](#)

Agile [show 30 measures](#)

Epic burn-down [show 7 measures](#)

Issue properties [show 26 measures](#)

Other properties [show 6 measures](#)

Predicted [show 9 measures](#)

Service Desk - Time to resolution [hide](#)

Time to resolution - Met [edit](#) Time to resolution - Breached [edit](#) Time to resolution - Met % [edit](#)

Time to resolution - Breached % [edit](#) Time to resolution - Average hours [edit](#)

User defined [show 94 measures](#)

[Define new](#)

Implementation

Pages in eazyBI

Viewpoint

Numbers

Filter

The screenshot displays the eazyBI configuration interface. On the left, a dark blue sidebar contains the text 'Implementation', 'Viewpoint', 'Numbers', and 'Filter'. The main interface is divided into several sections:

- Pages:** A dashed box containing three items: 'Transition Status', 'Project', and 'Issue Type'. This entire section is highlighted with a red border.
- Columns:** A dashed box containing a single item: 'Measures'.
- Rows:** A dashed box containing one item: 'Time'. A 'Nonempty' button is located to the right of the 'Time' item.
- Filters:** A dashed box containing three items: 'In Progress', 'All Projects', and 'All Issue Types'. This entire section is highlighted with a red border.
- Visuals:** A row of buttons for visualization types: 'Table', 'Bar', 'Line', 'Pie', 'Scatter', 'Timeline', 'Map', and 'Ga'.
- Report Area:** A table with two columns: 'Issues history' and 'Average workdays in transition status'.

Days In Progress on Timeline (table)

Pages

- Transition Status
- Project
- Issue Type

Columns ▶ Measures

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

Hide empty columns Time Weekly between 12 months ago and now All others Total Freeze header

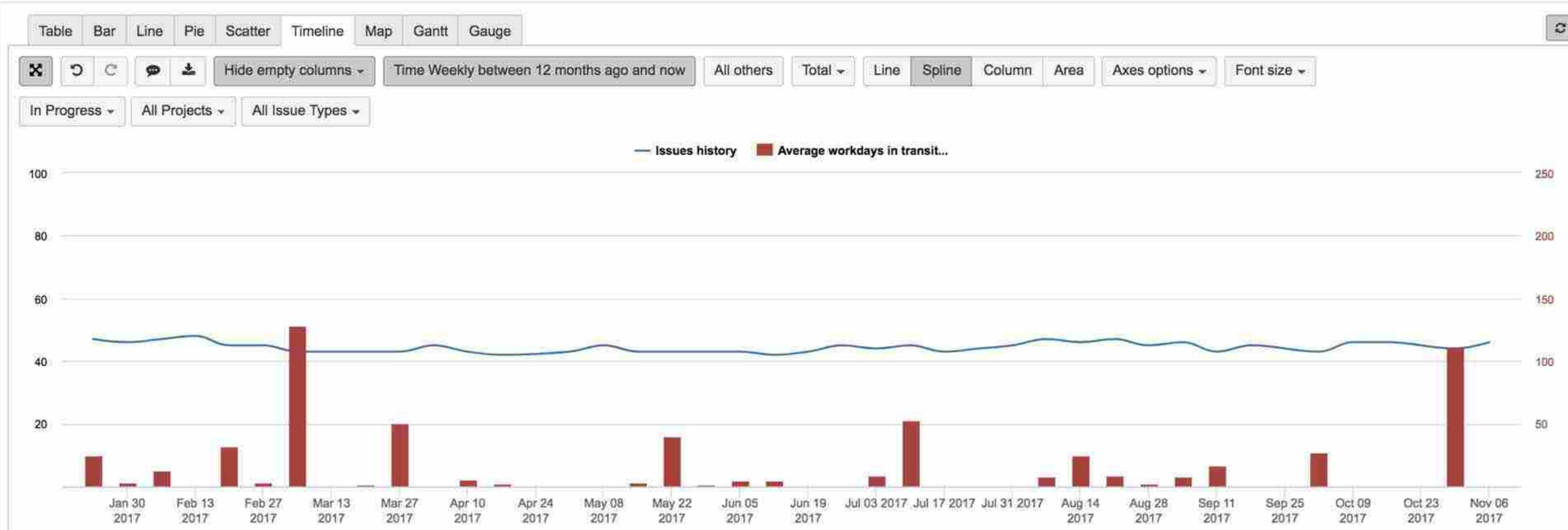
In Progress All Projects All Issue Types

Rows Nonempty

- Time

	Issues history	Average workdays in transition status
+ W04, Jan 23 2017	47	24.99
+ W05, Jan 30 2017	46	3.50
+ W06, Feb 06 2017	47	12.44
+ W07, Feb 13 2017	48	
+ W08, Feb 20 2017	45	31.82
+ W09, Feb 27 2017	45	3.58
+ W10, Mar 06 2017	43	128.50
+ W12, Mar 20 2017	43	1.71
+ W13, Mar 27 2017	43	50.78
+ W14, Apr 03 2017	45	0.00
+ W15, Apr 10 2017	43	5.74
+ W16, Apr 17 2017	42	2.76
+ W18, May 01 2017	43	

Days in Progress on Timeline (chart)



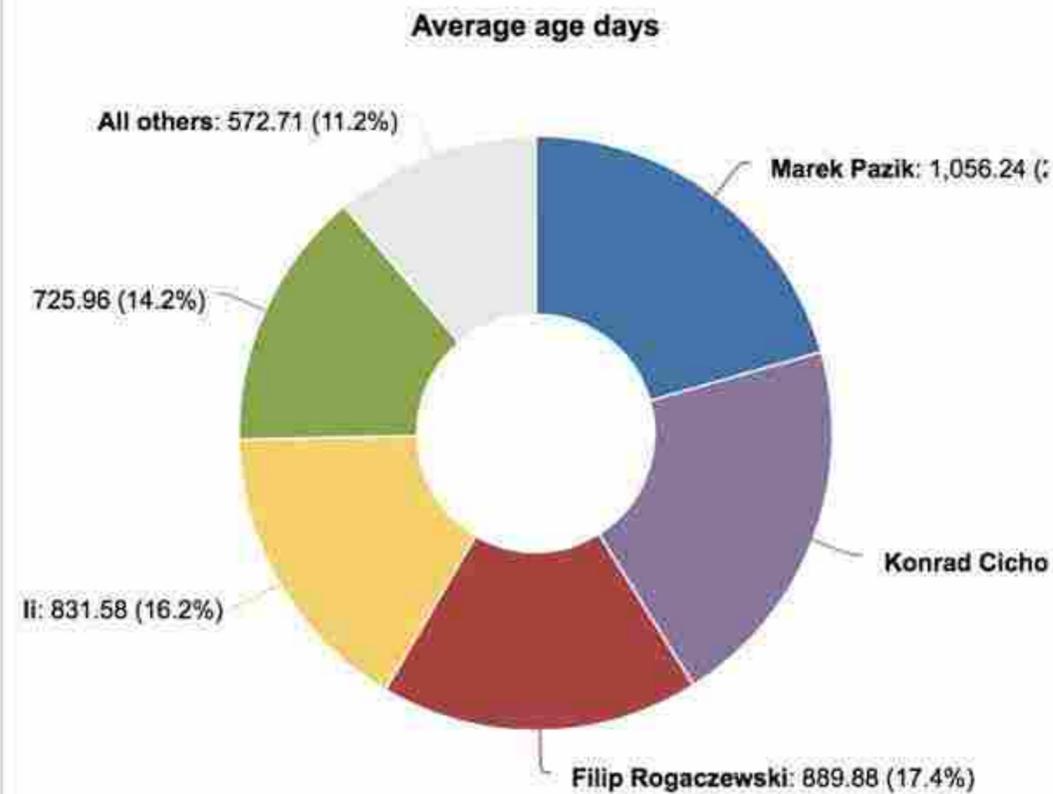
eazyBI Demo Account



All Priorities ▾ All Projects ▾

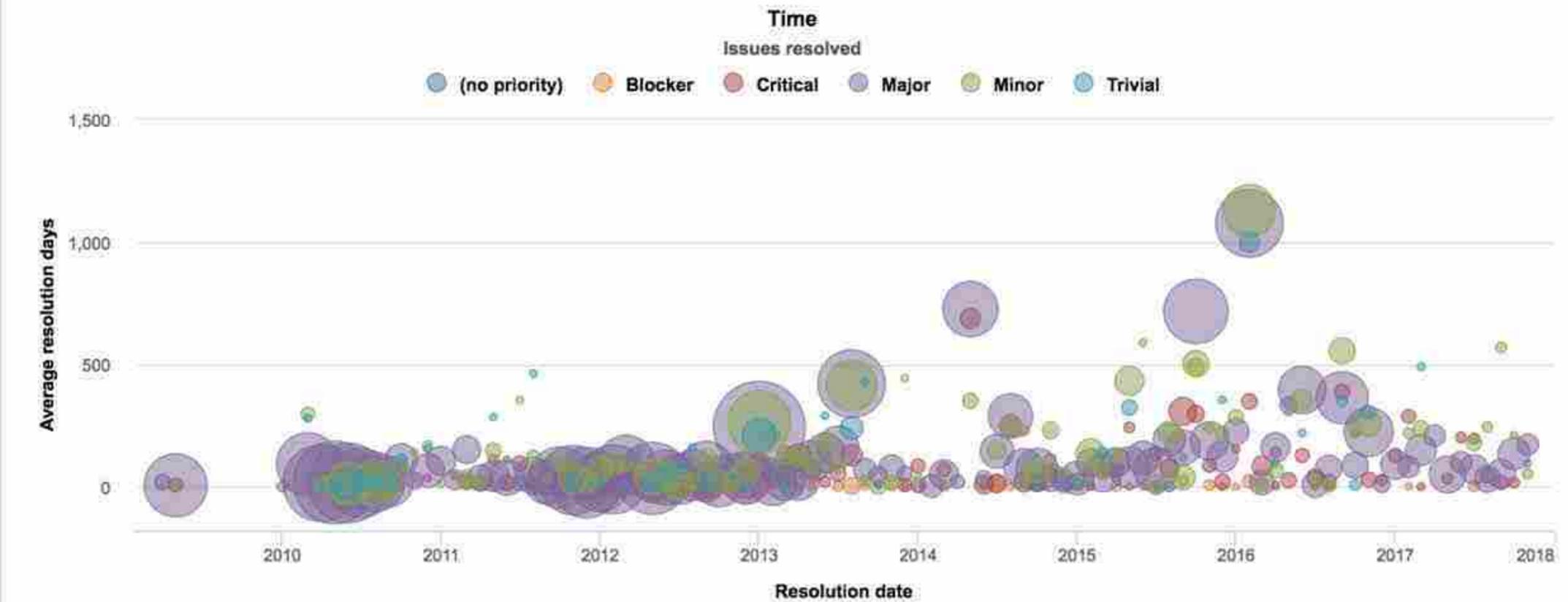
Average age of issues by assignee

All Projects



Issues Resolved and Resolution Days

All Projects



Created vs resolved issues

All Issue Types ▾ All Assignees ▾ All Projects All Priorities

Issue resolution time intervals - Bar

In the report you can see how fast issues are resolved.



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