

nave

# Achieving Fast, Smooth and Predictable Delivery of Customer Value with Kanban Analytics

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[www.getnave.com](http://www.getnave.com)

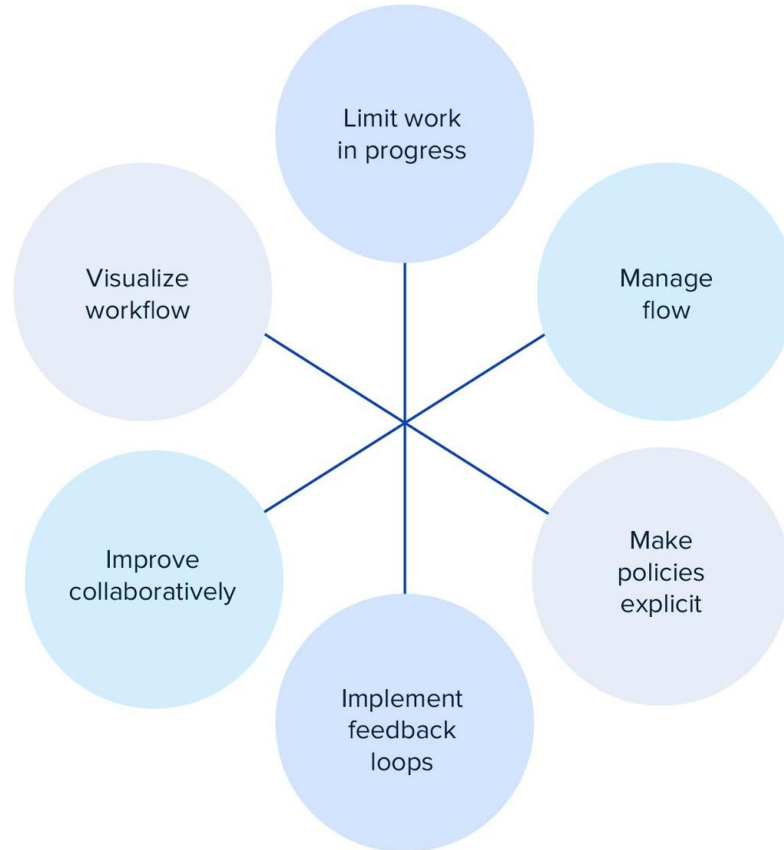


# How the Kanban Method Facilitates Sustainable Delivery of Customer Value

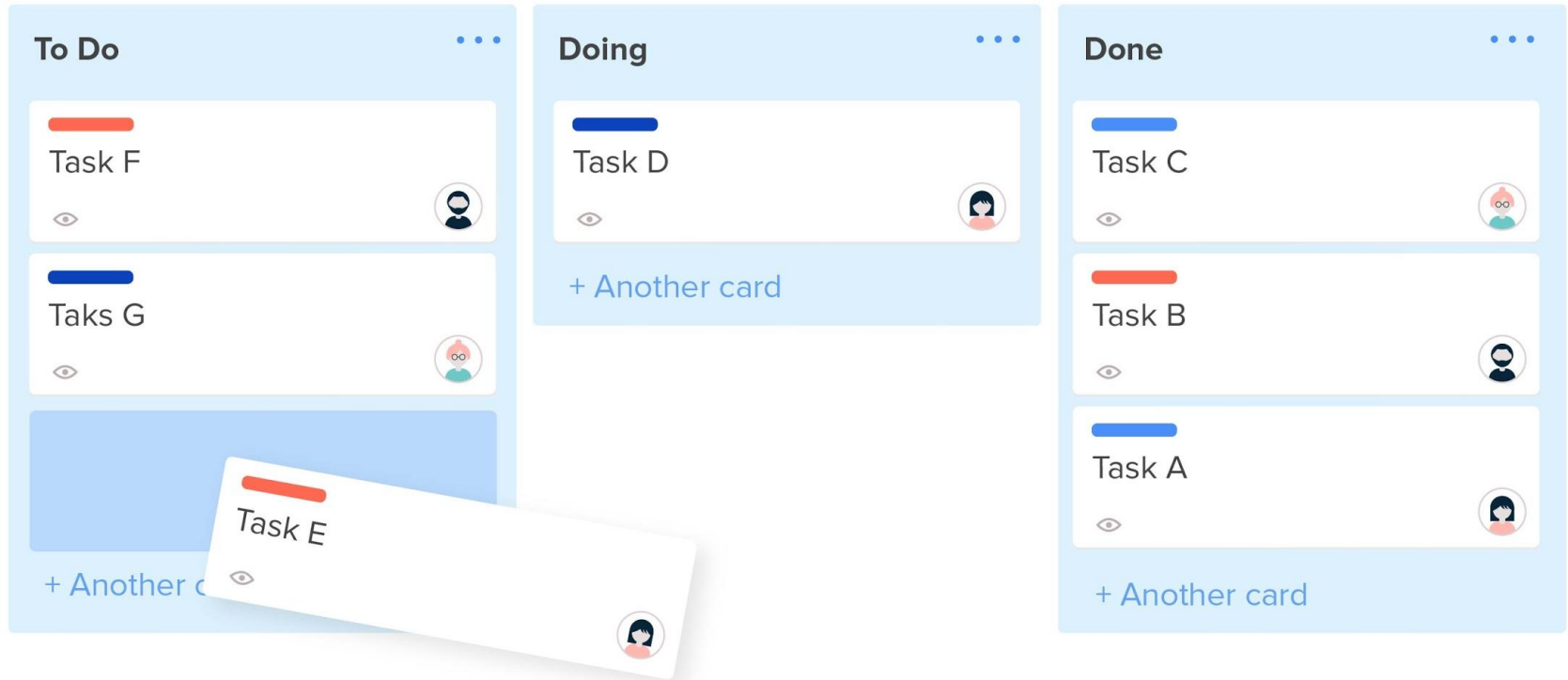
## THE KANBAN METHOD

- Relieving Team Overburden
- Improving Delivery Times
- Increasing Flow Efficiency
- Working in a Transparent, Collaborative Manner
- Fostering Effective Communication

# The Six Core Kanban Practices

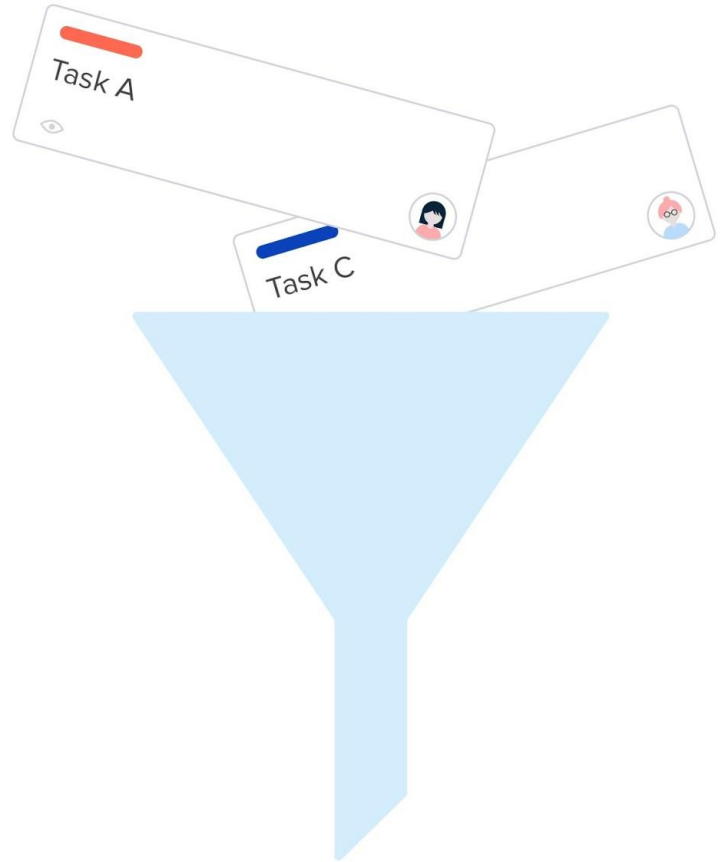


# Visualize Your Flow of Work

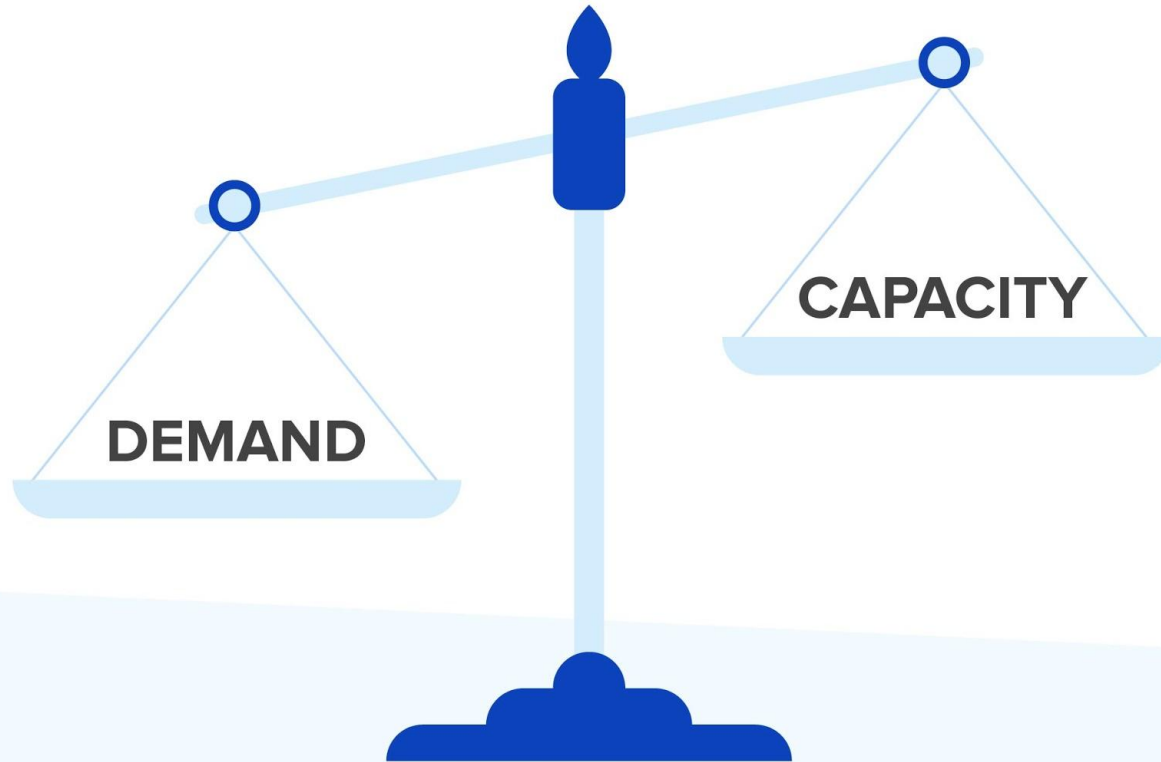


# Apply WIP Limits

Implementing WIP limits helps your team complete work faster by staying focused. The point is to get more things done rather than doing more things.







# Manage Your Workflow



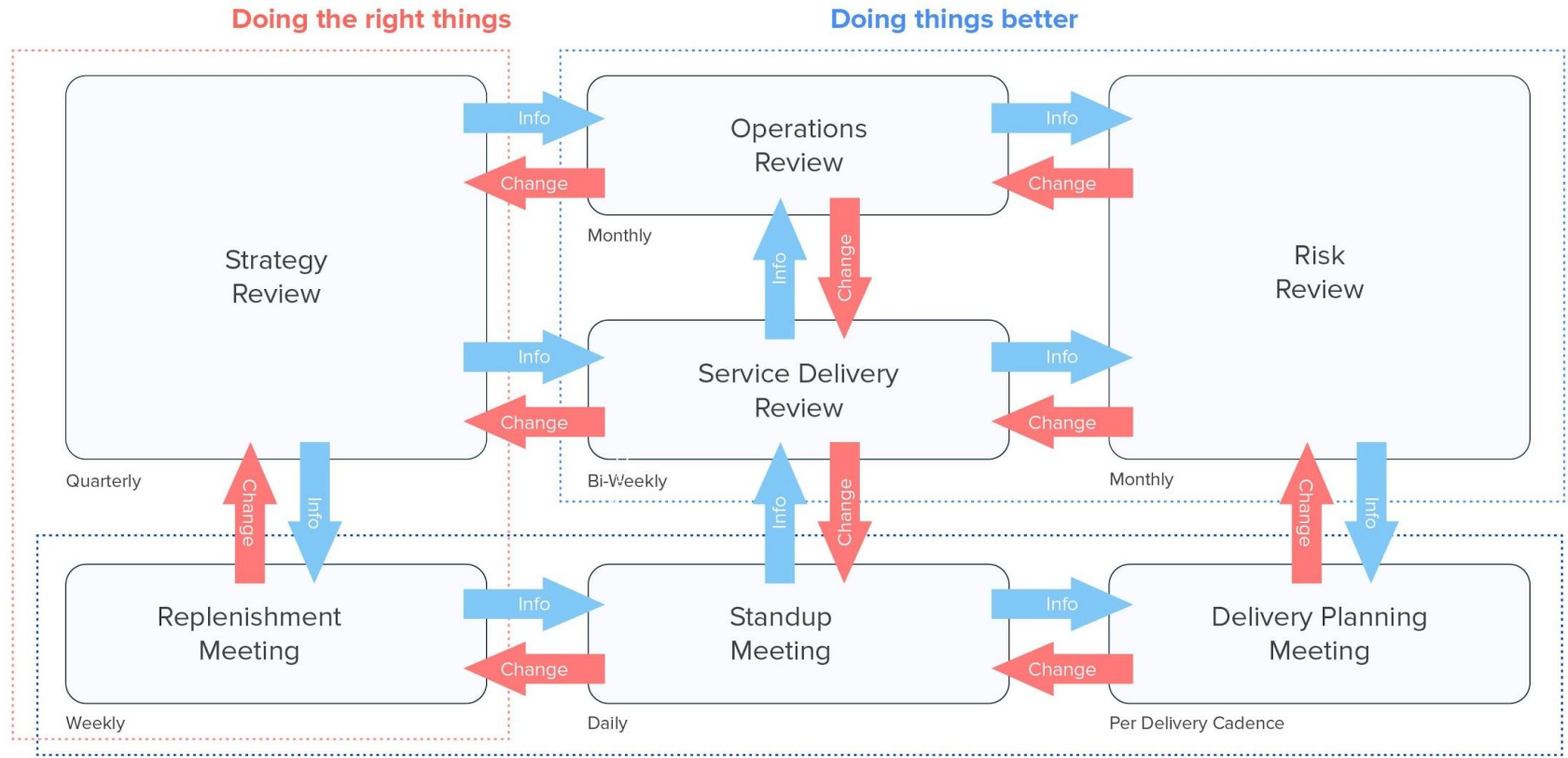
# Make Policies Explicit

## Classes of Services

Prioritisation

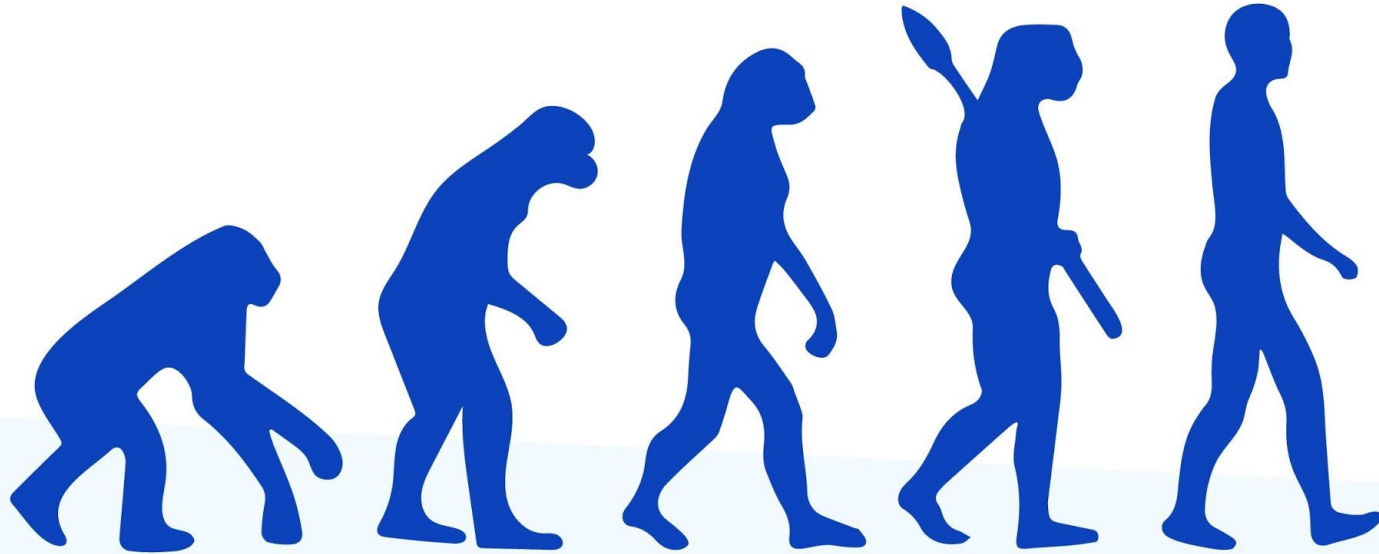
Class	Characteristics	Contribution to flow
 Expedite	Top priority. Task should not be interrupted until it is completed.	max. 1 task
 Fixed Delivery Date	Task has to be delivered at a fixed date.	> 10%
 Standard	Task will be processed by FCFS algorithm.	> 60%
 Intangible	Maintenance task with low priority.	> 30%

# Implement Feedback Loops

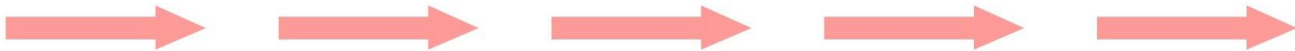
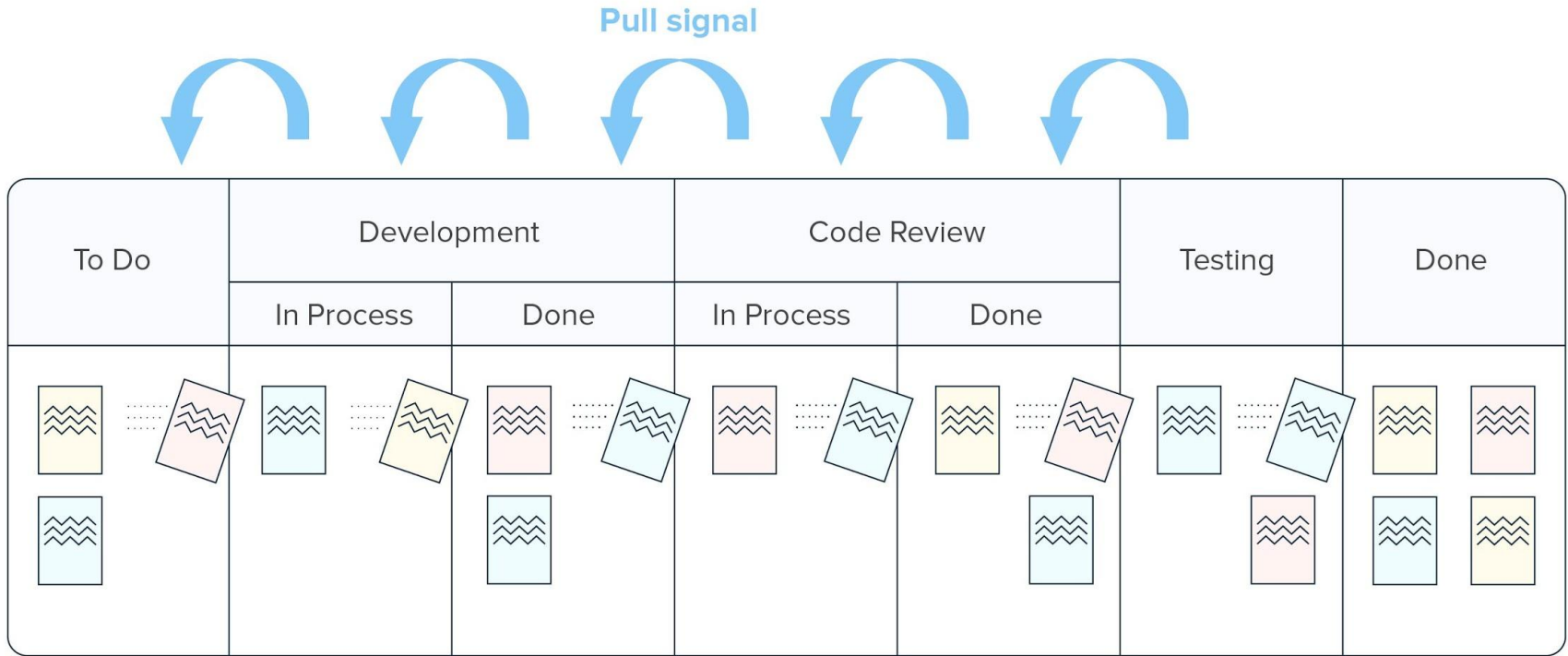




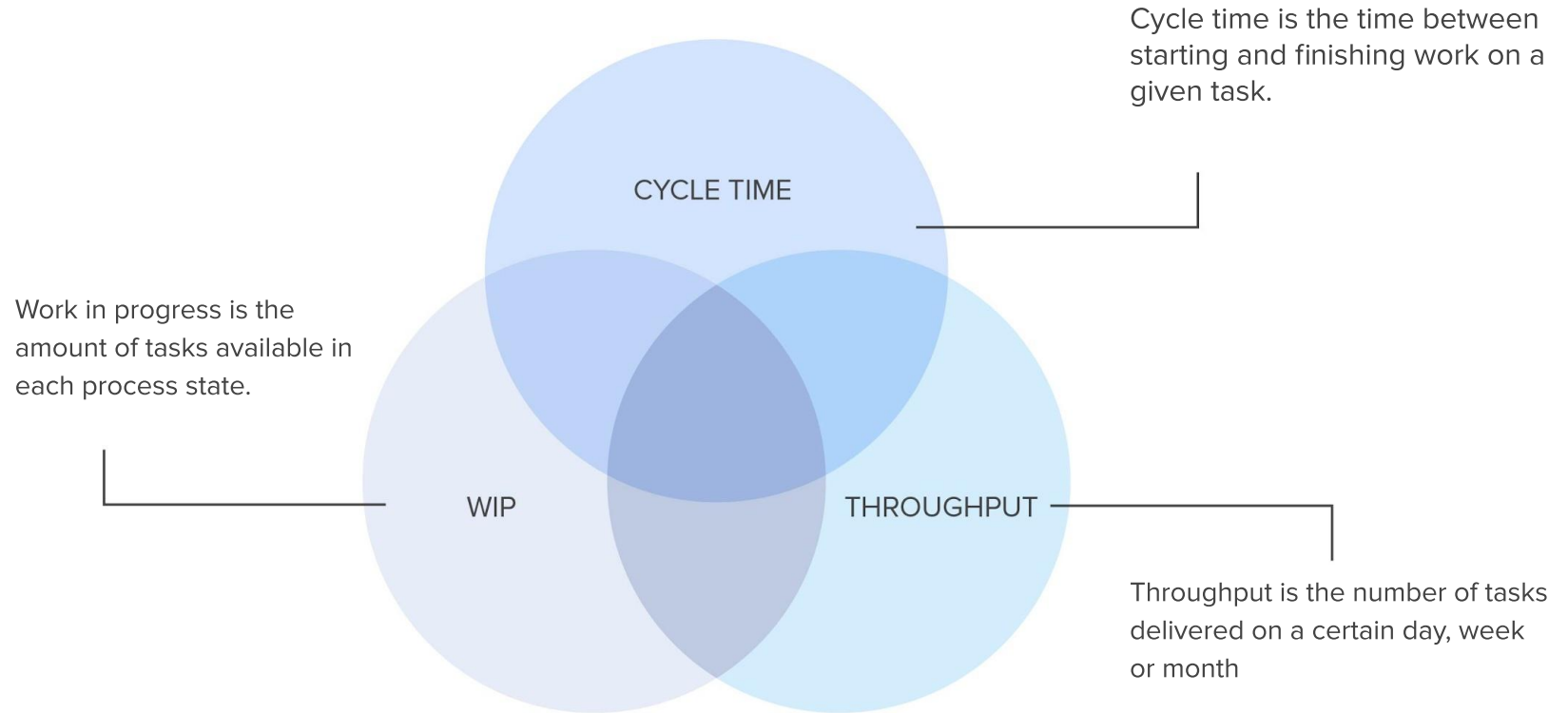
# Improve Collaboratively



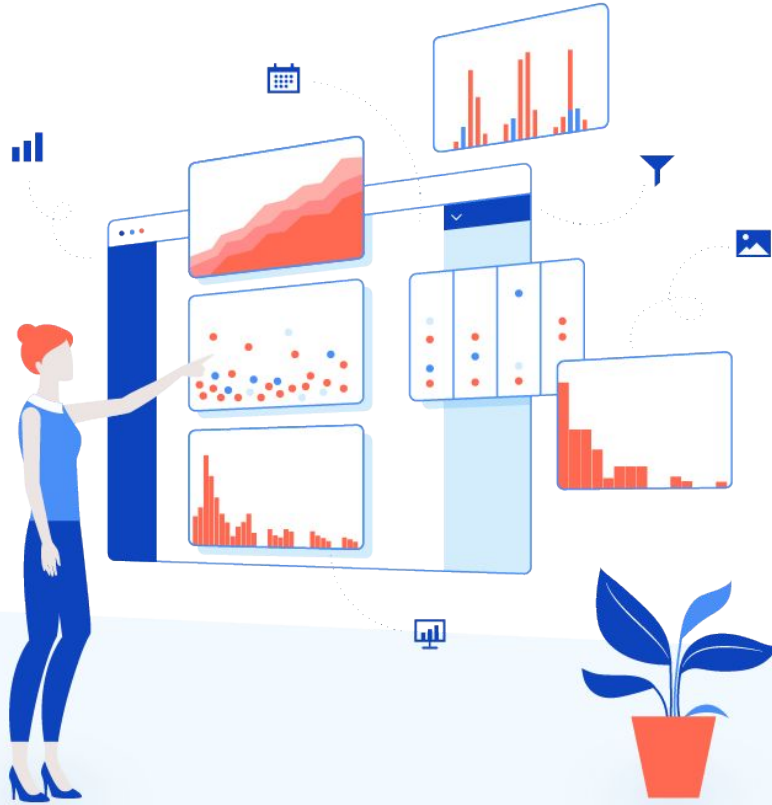
# Kanban Pull Systems



# Basic Flow Metrics

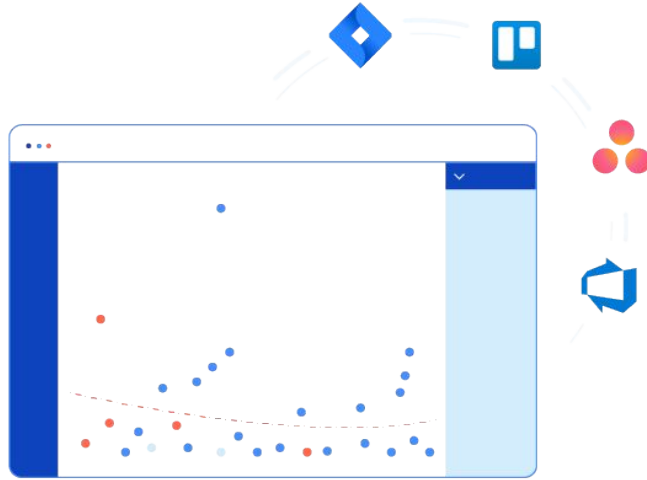


# Kanban Analytics By Nave



**Nave helps teams optimize workflow efficiency to achieve fast, stable and predictable delivery of customer value.**

# We Partner With the Most Popular Management Platforms on the Market



- ❖ Jira
- ❖ Trello
- ❖ Asana
- ❖ Azure DevOps
- ❖ Manual Data Upload



# We Reveal the Actionable Insights From Your Kanban Board Data



## Advanced Kanban Charts

We have enhanced the industry-standard analytical charts to help you improve your performance.



## Complete Historical Data

We sync all data from the date of board creation so you can analyze your past performance from the very beginning.

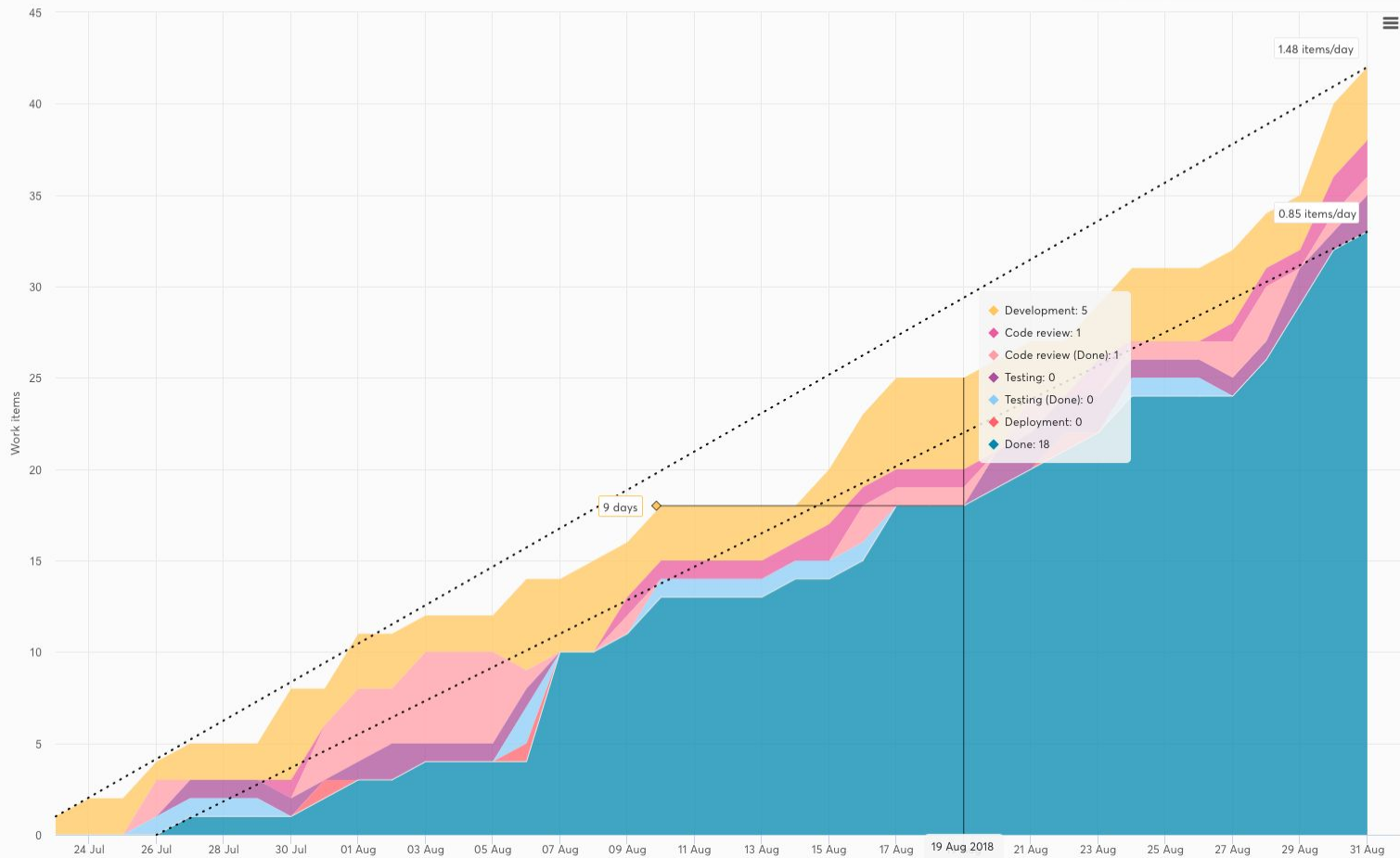


## Real-Time Synchronization

Data is synced automatically so any changes in your Kanban board are instantly reflected in your graphs.

### Cumulative Flow Diagram ⓘ

📅 23 Jul 2018 - 31 Aug 2018 ▾



> Filters

> Lists

- Select all
- To do
- Development
- Code review
- Code review (Done)
- Testing
- Testing (Done)
- Deployment
- Done

> Labels

- Select all
- Expedite
- Fixed Delivery Date
- Intangible
- Standard

> Members



- Cumulative Flow Diagram
- Cycle Time Scatterplot
- Cycle Time Breakdown Chart
- Cycle Time Histogram
- Aging Chart
- Throughput Run Chart
- Throughput Histogram
- Flow Efficiency Chart
- Due Date Performance Chart
- Monte Carlo: Delivery Date

# The Difference Between an Estimate and a Forecast

## Estimate

- Is a prediction based on a gut feeling
- Is a prediction conveyed as a single value
- Is a prediction which does not communicate any probability of its occurrence

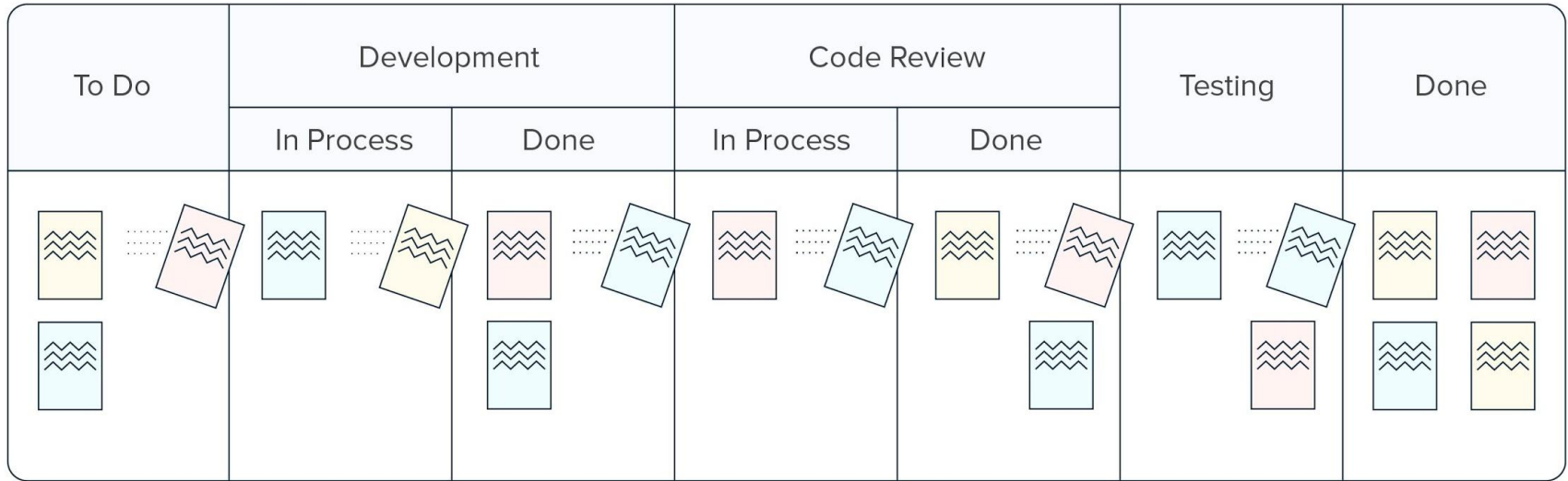
## Forecast

- Is a prediction based on historical performance data
- Contains a range of possible outcomes
- Communicates the probabilities of those outcomes as a part of the prediction



# Just In Time Commitment

Commitment point





Cumulative Flow Diagram



Cycle Time Scatterplot



Cycle Time Breakdown Chart



Cycle Time Histogram



Aging Chart



Throughput Run Chart



Throughput Histogram



Flow Efficiency Chart



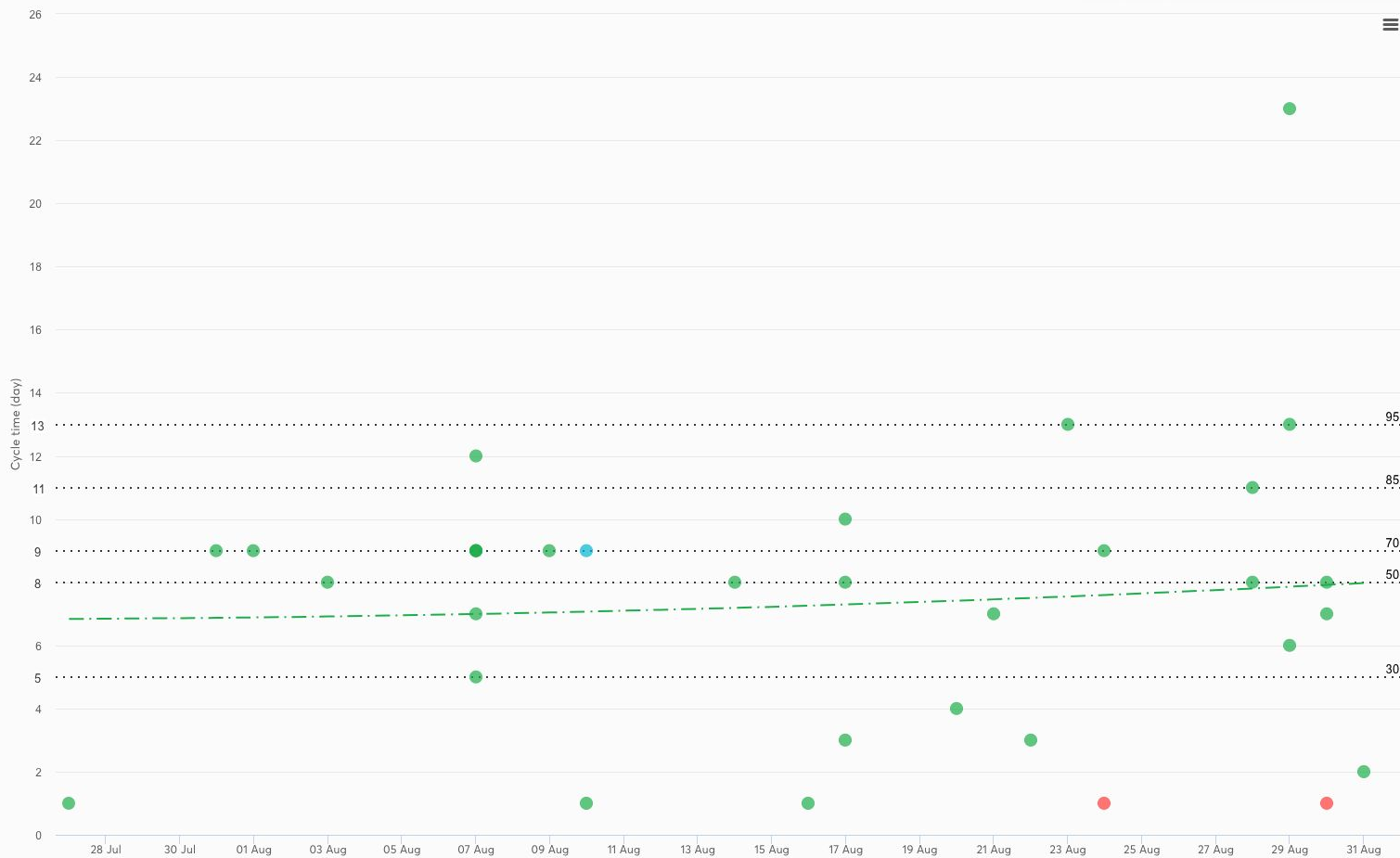
Due Date Performance Chart



Monte Carlo: Delivery Date

### Cycle Time Scatterplot ⓘ

23 Jul 2018 - 31 Aug 2018 ▾



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▾ Labels

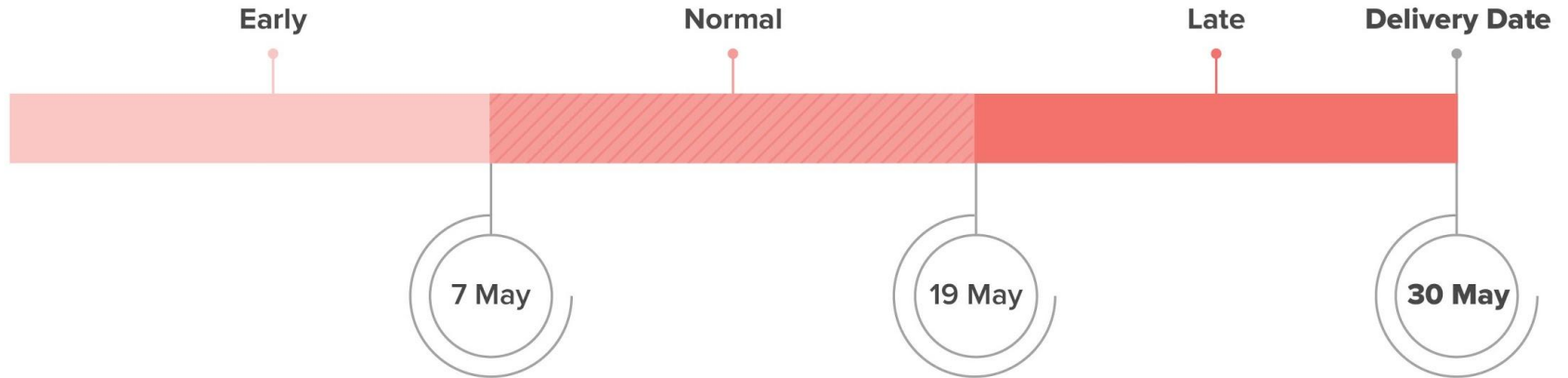
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> Members

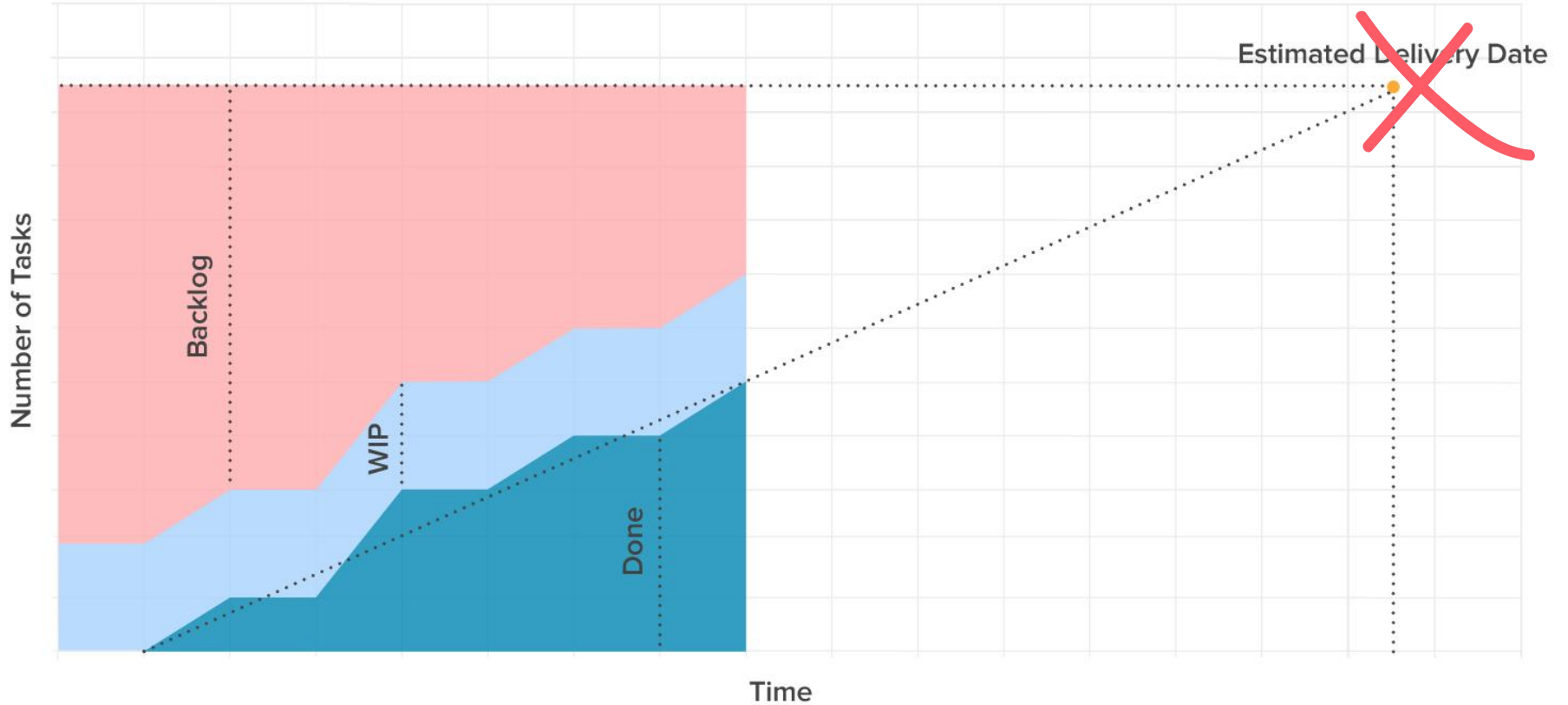


# Start Your Work on Time

Probability Forecast for Standard CoS					
Certainty	50%	85%	95%	99%	
Cycle time	8 days	11 days	13 days	23 days	

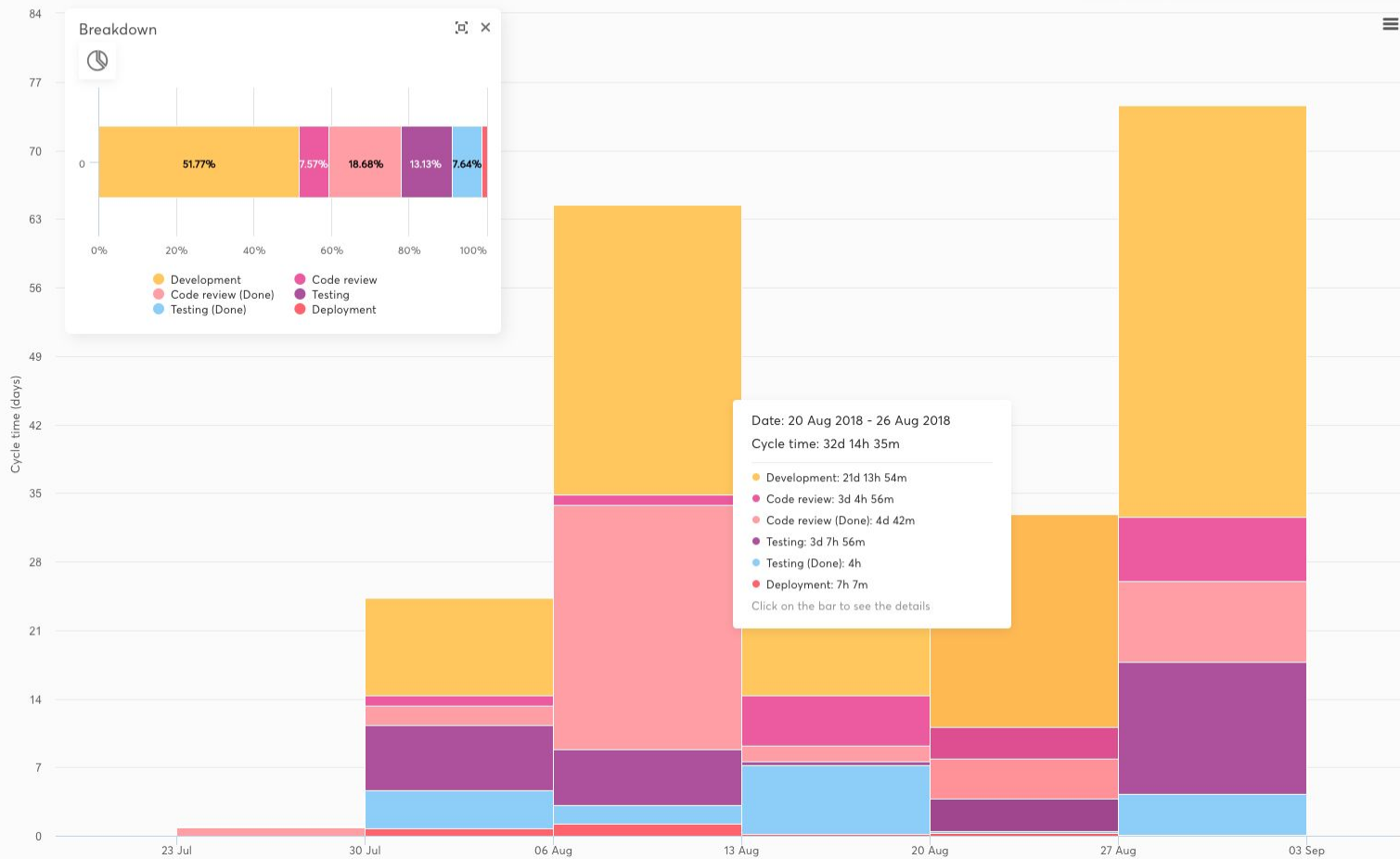


# Making Predictions with the Cumulative Flow Diagram



### Cycle Time Breakdown Chart

% 🔇 📅 23 Jul 2018 - 31 Aug 2018 ▾



> Filters

> Lists

- Select all
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- Deployment
- Done

> Labels

- Select all
- Expedite
- Fixed Delivery Date
- Intangible
- Standard

> Members



Cumulative Flow Diagram

Cycle Time Scatterplot

Cycle Time Breakdown Chart

Cycle Time Histogram

Aging Chart

Throughput Run Chart

Throughput Histogram

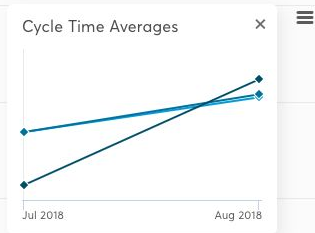
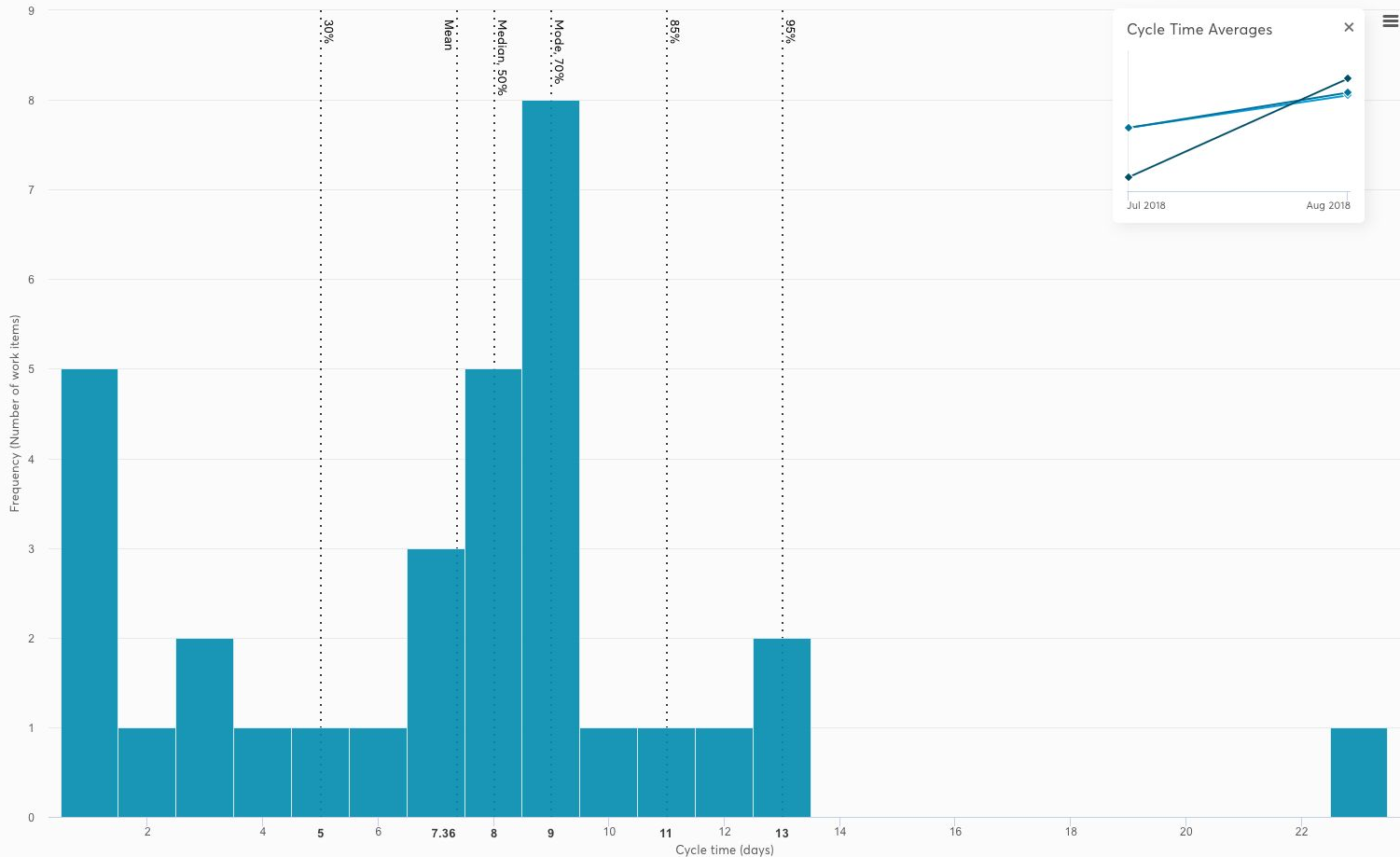
Flow Efficiency Chart

Due Date Performance Chart

Monte Carlo: Delivery Date

### Cycle Time Histogram ?

📈 🚫 📅 23 Jul 2018 - 31 Aug 2018 ▾



> Controls

▾ Filters

▾ Lists

- Select all
- To do
- Development
- Code review
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- Testing
- Testing (Done)
- Deployment
- Done

▾ Labels

- Select all
- Expedite
- Fixed Delivery Date
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- Standard

> Members



- Cumulative Flow Diagram
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- Throughput Run Chart
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### Aging Chart

23 Jul 2018 - 31 Aug 2018



#### Aging replay



#### Health zones

- Select all
- 30%
- 50%
- 70%
- 85%
- 95%

#### Percentiles

- Select all
- 30%
- 50%
- 70%
- 85%
- 95%

#### Filters

##### Lists

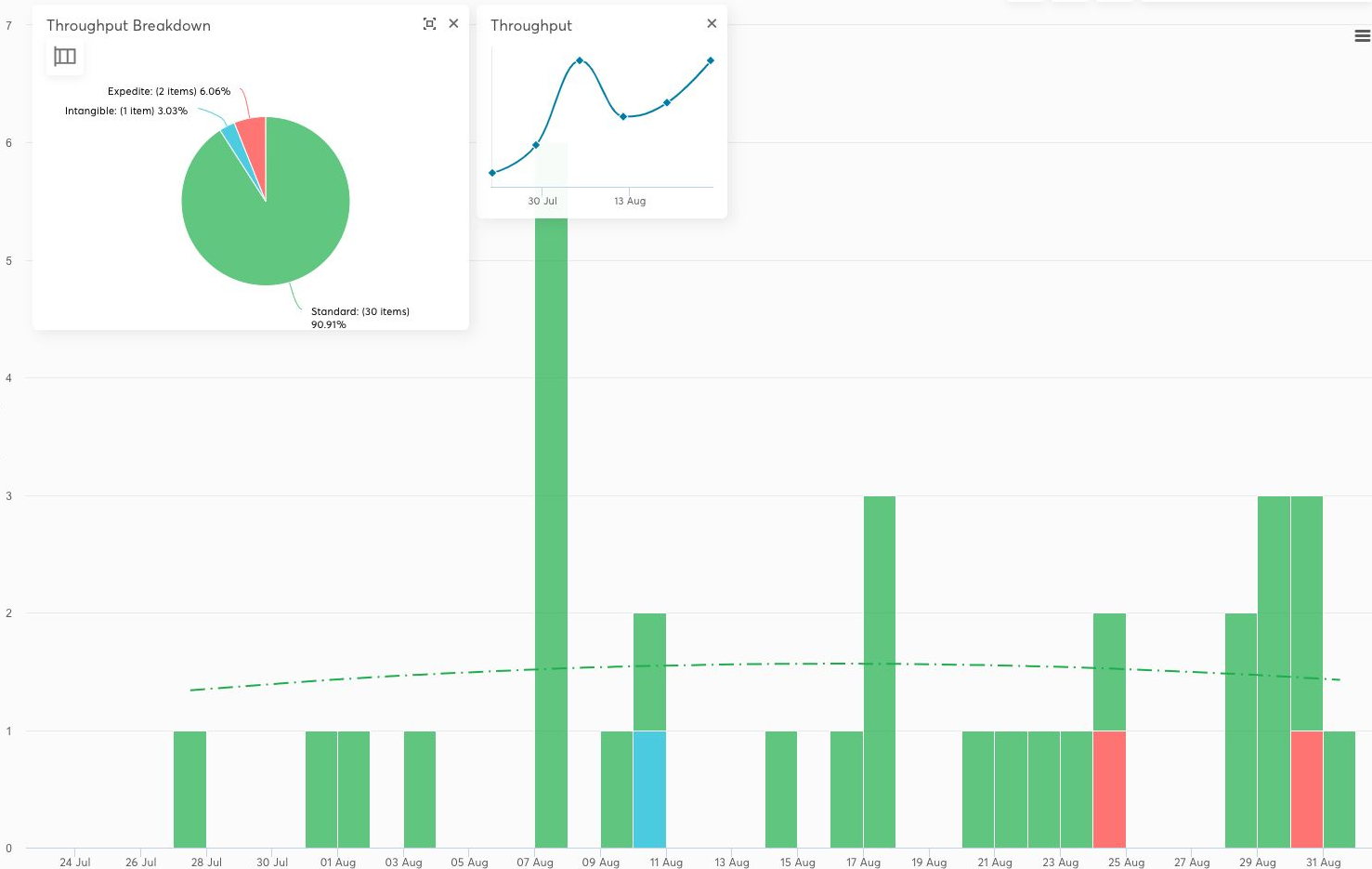
- Select all
- To do
- Development
- Code review
- Code review (Done)
- Testing
- Testing (Done)
- Deployment
- Done

#### Labels



### Throughput Run Chart

Timeline: 23 Jul 2018 - 31 Aug 2018



Filters

Lists

- Select all
- To do
- Development
- Code review
- Code review (Done)
- Testing
- Testing (Done)
- Deployment
- Done

Labels

- Select all
- Expedite
- Fixed Delivery Date
- Intangible
- Standard

Members



Cumulative Flow Diagram

Cycle Time Scatterplot

Cycle Time Breakdown Chart

Cycle Time Histogram

Aging Chart

Throughput Run Chart

Throughput Histogram

Flow Efficiency Chart

Due Date Performance Chart

Monte Carlo: Delivery Date



Exclude zero values

Enabled

Percentiles

Select all

30%

50%

70%

85%

95%

Group by

Day

Week

Month

Filters

Lists

Select all

To do

Development

Code review

Code review (Done)

Testing

Testing (Done)

Deployment

Done

Labels

Select all

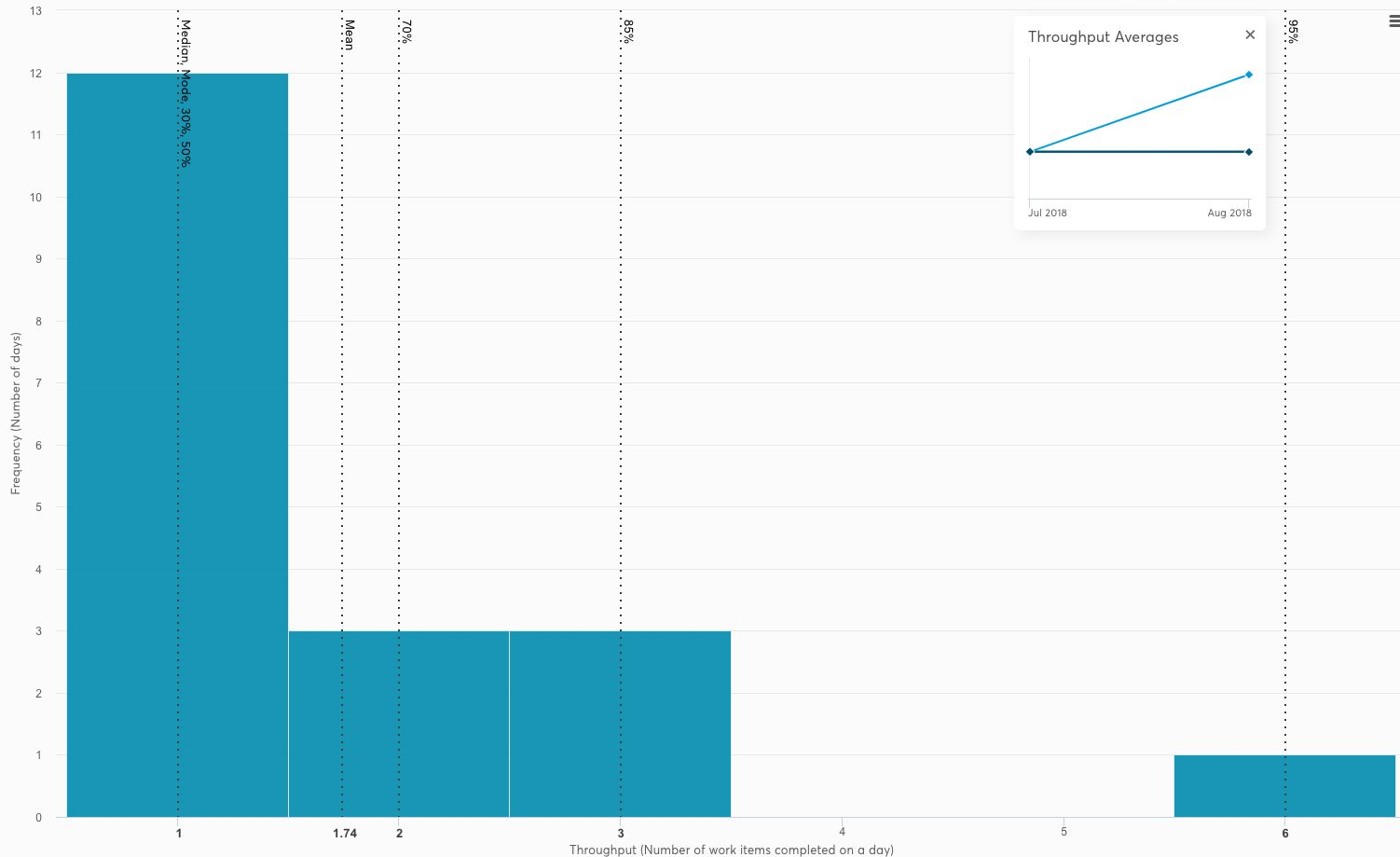
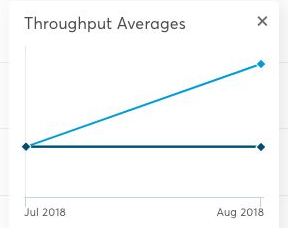
Expedite

Fixed Delivery Date



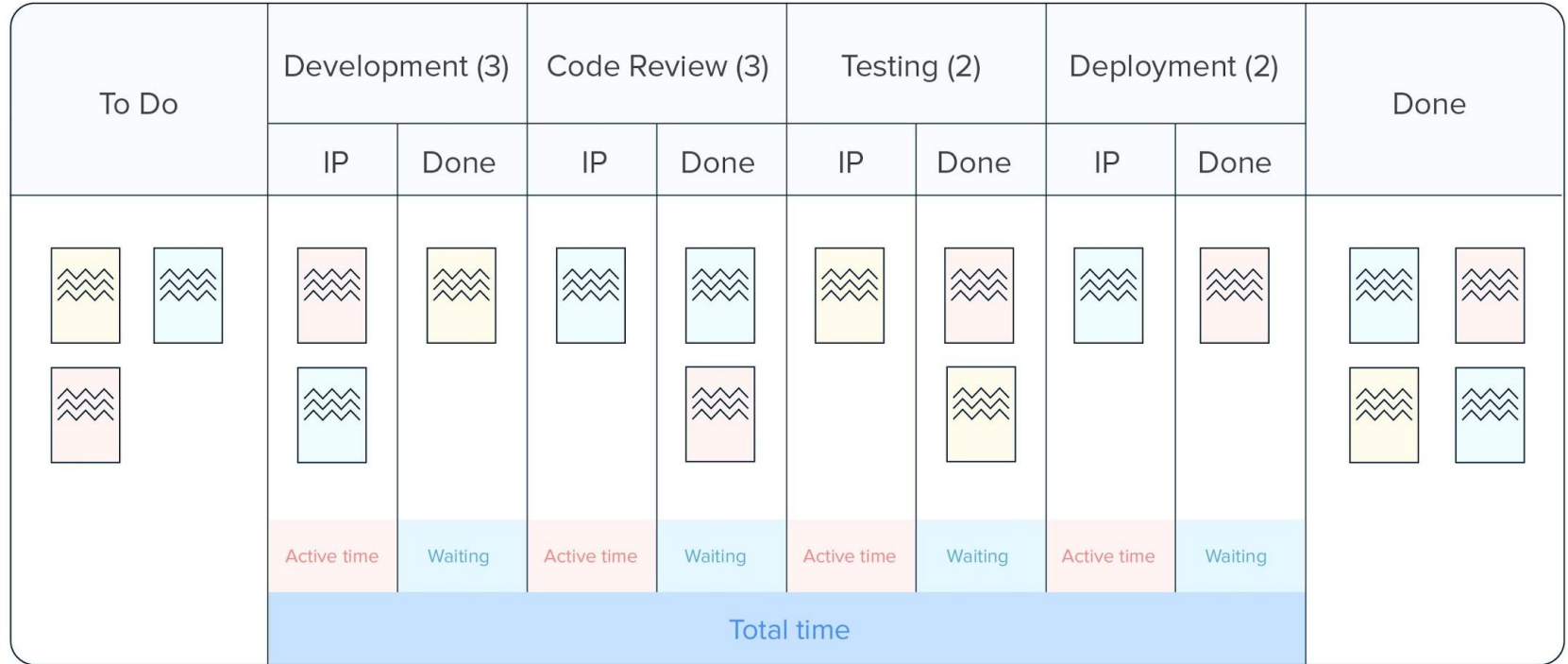
### Throughput Histogram

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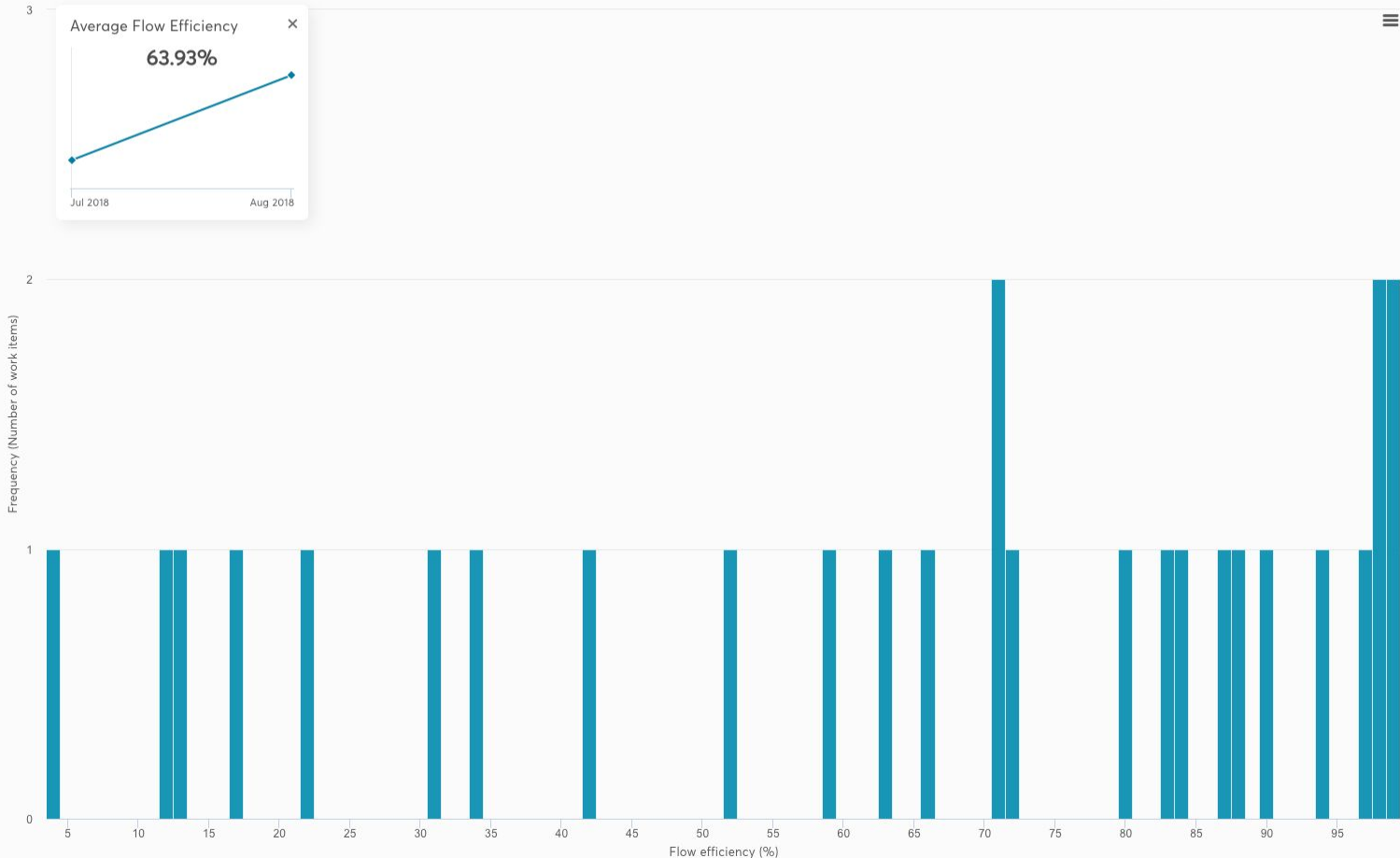
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# Flow Efficiency



### Flow Efficiency Chart

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Queue states ⓘ

- Select all
- Development
- Code review
- Code review (Done)
- Testing
- Testing (Done)
- Deployment

Percent range



Filters

Lists

- Select all
- Development
- Code review
- Code review (Done)
- Testing
- Testing (Done)
- Deployment

Labels

- Select all
- Expedite
- Fixed Delivery Date
- Intangible
- Standard

Members



- Cumulative Flow Diagram
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▾ Delivery

- All
- On time work items
- Overdue work items

▾ Group by

- Day
- Week
- Month

▾ Filters

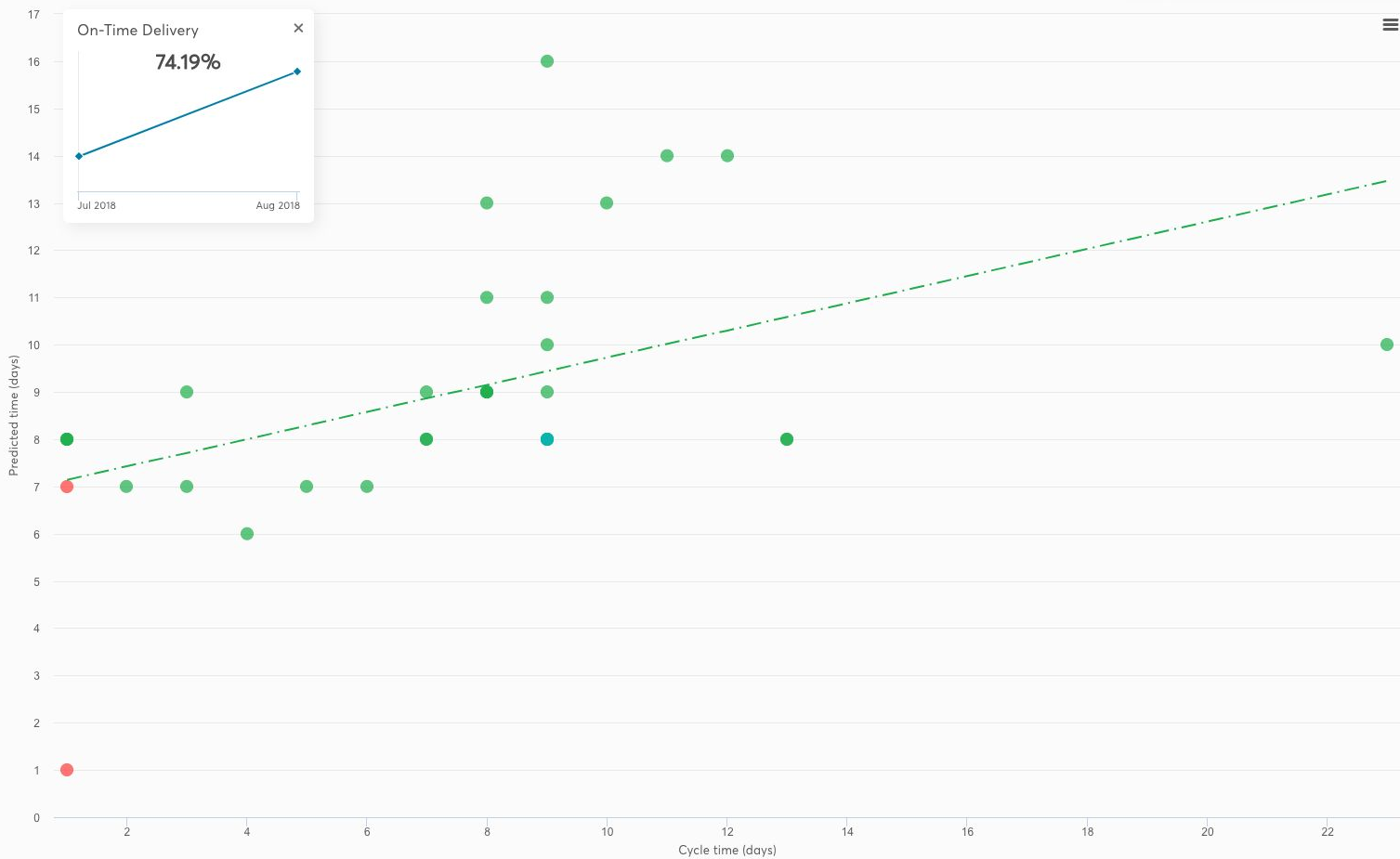
▾ Labels

- Select all
- Expedite
- Fixed Delivery Date
- Intangible
- Standard

> Members

### Due Date Performance Chart

📅 23 Jul 2018 - 31 Aug 2018



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- Throughput Histogram
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Simulation controls

Start Date  
13 Sep 2018 ▾

Items to complete  
25

Trials  
1000000

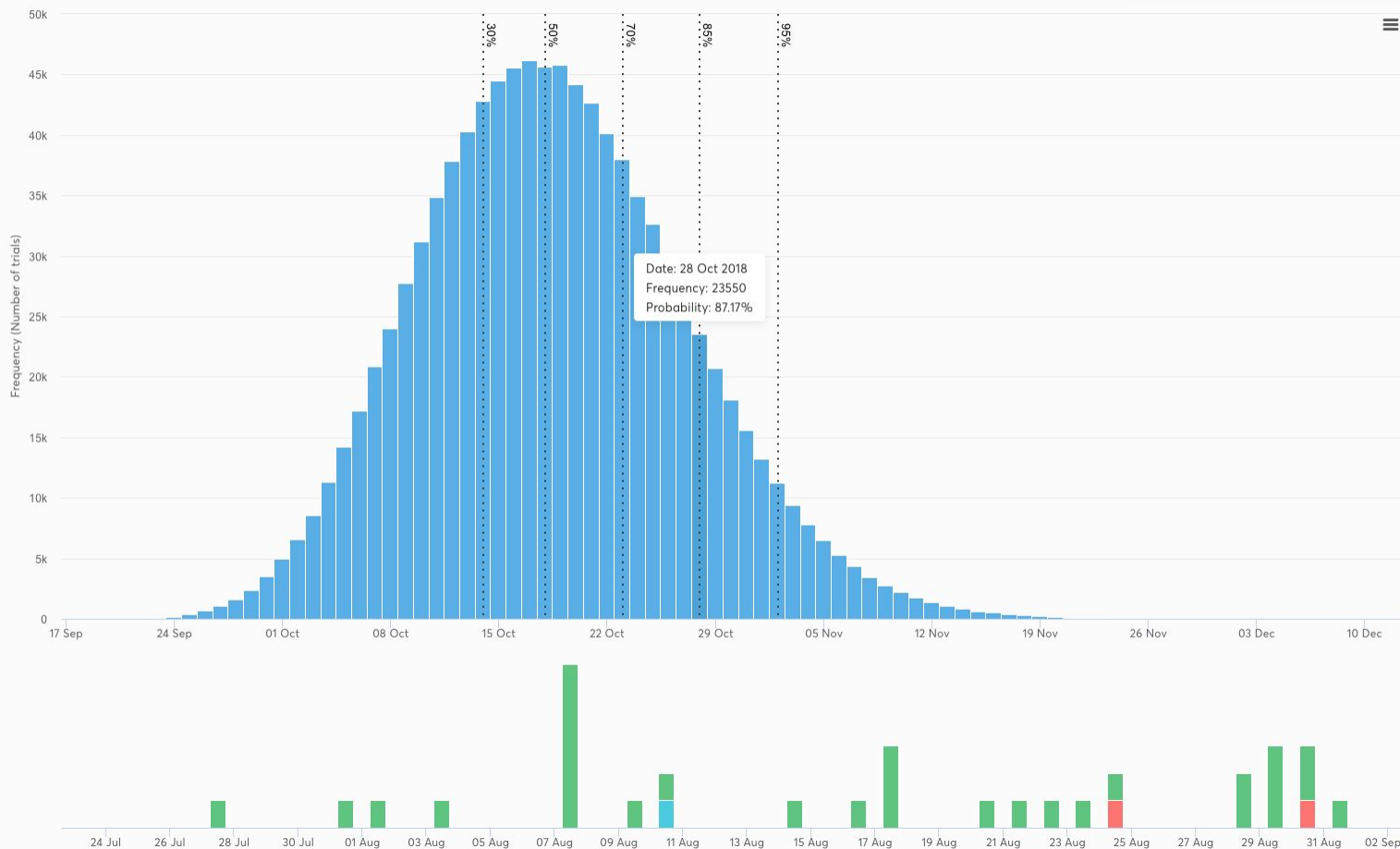
Percentiles

- Select all
- 30%
- 50%
- 70%
- 85%
- 95%

Filters

### Monte Carlo: Delivery Date

🔍 23 Jul 2018 - 31 Aug 2018 ▾



Simulation controls

Start Date  
15 Sep 2018 ▾

End Date  
30 Sep 2018 ▾

Trials  
1000000

Percentiles

- Select all
- 30%
- 50%
- 70%
- 85%
- 95%

Filters

Lists

- Select all
- To do
- Development
- Code review
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- Testing
- Testing (Done)
- Deployment
- Done

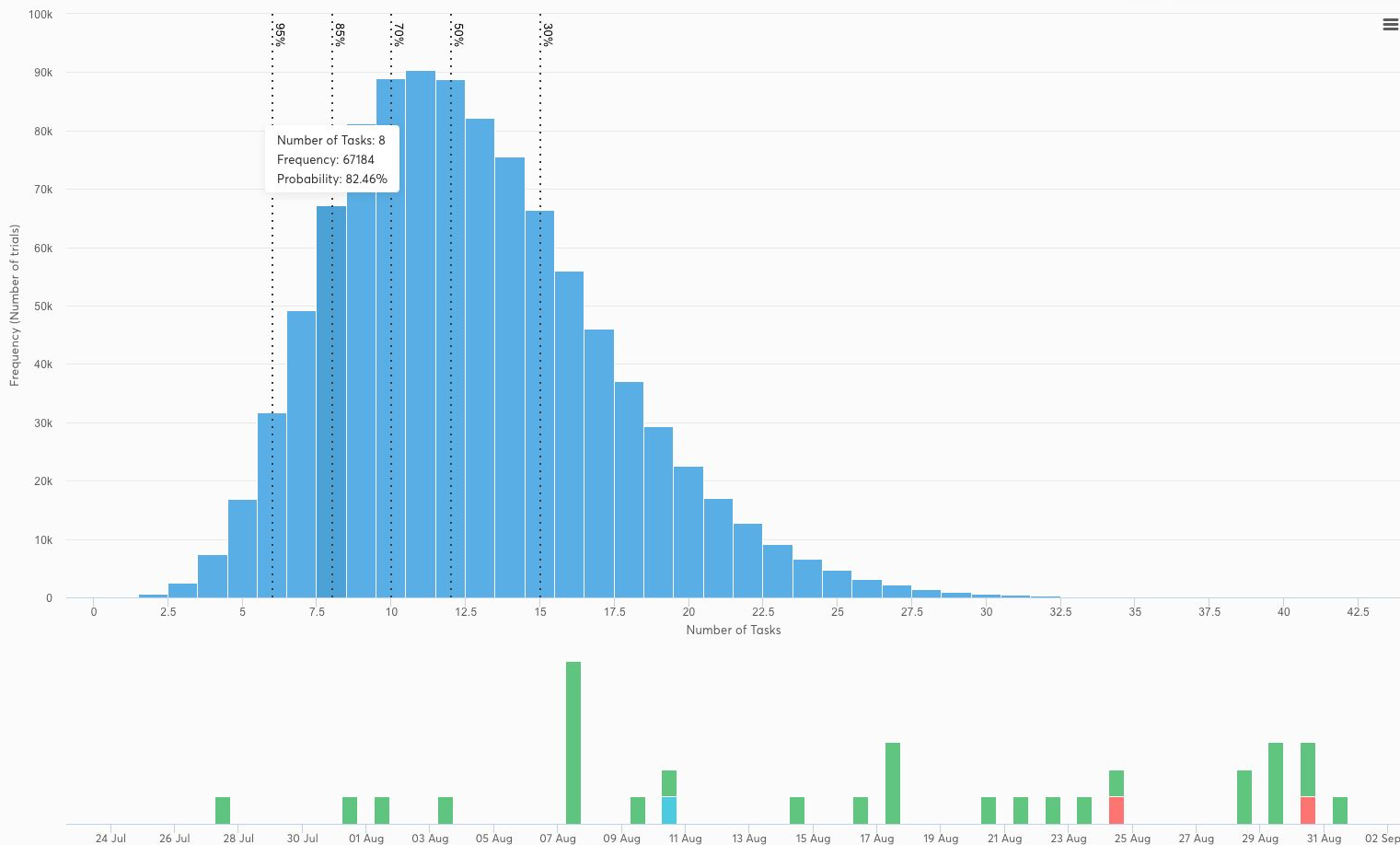
Labels

- Select all
- Expedite
- Fixed Delivery Date



Monte Carlo: Number of Tasks

🔍 23 Jul 2018 - 31 Aug 2018 ▾



Cycle Time Scatterplot

Cycle Time Breakdown Chart

Cycle Time Histogram

Aging Chart

Throughput Run Chart

Throughput Histogram

Flow Efficiency Chart

Due Date Performance Chart

Monte Carlo: Delivery Date

Monte Carlo: Number of Tasks

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**Q&A**

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