

IMS Health & Quintiles are now



# Analytics-Driven Progress Tracking

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with support from Quinton Smit

# Introduction

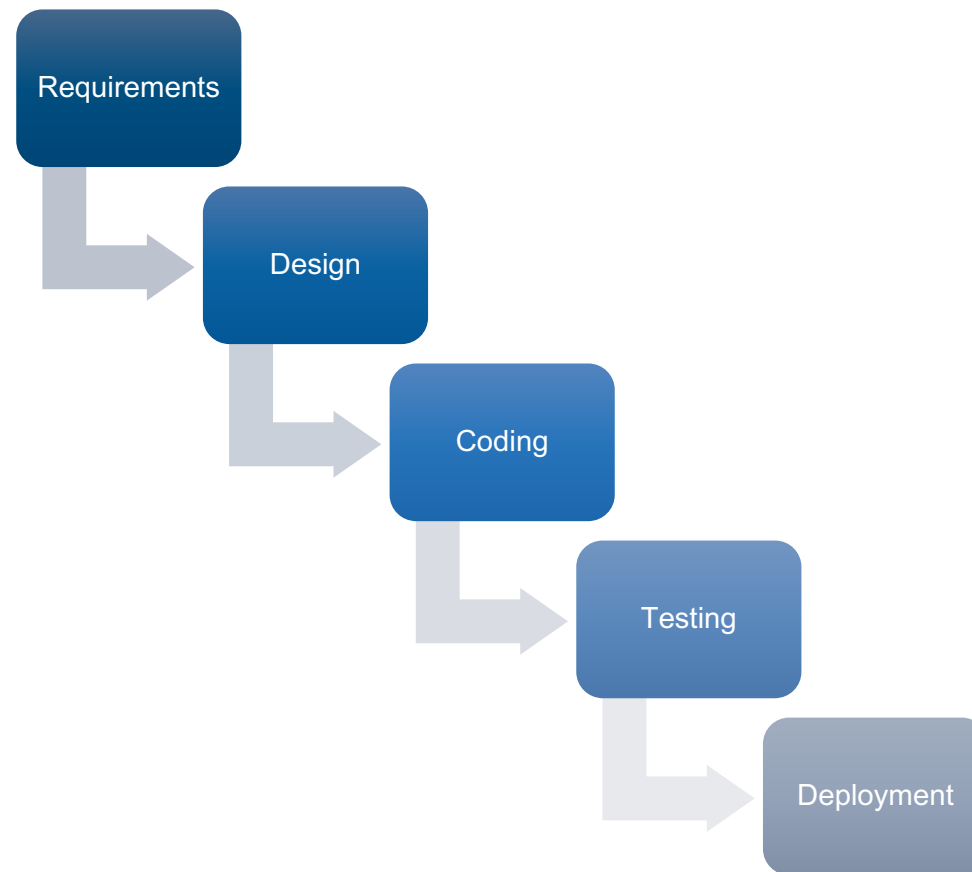
The pharmaceutical industry is fast paced and ever changing, it is therefore becoming increasingly important to stay ahead of the curve and make quick decisions. In this environment the waterfall approach is still traditionally used, however to increase reliability and quality of deliveries adopting agile methods or hybrid approaches and benefiting from the positive attributes of both approaches could give you the edge needed to achieve success. Through analytics-driven progress tracking with the use of reporting dashboards and other visual methods you're not only ensuring current projects stay on track, you can also start planning for the future with dependable data to use for forecasting.

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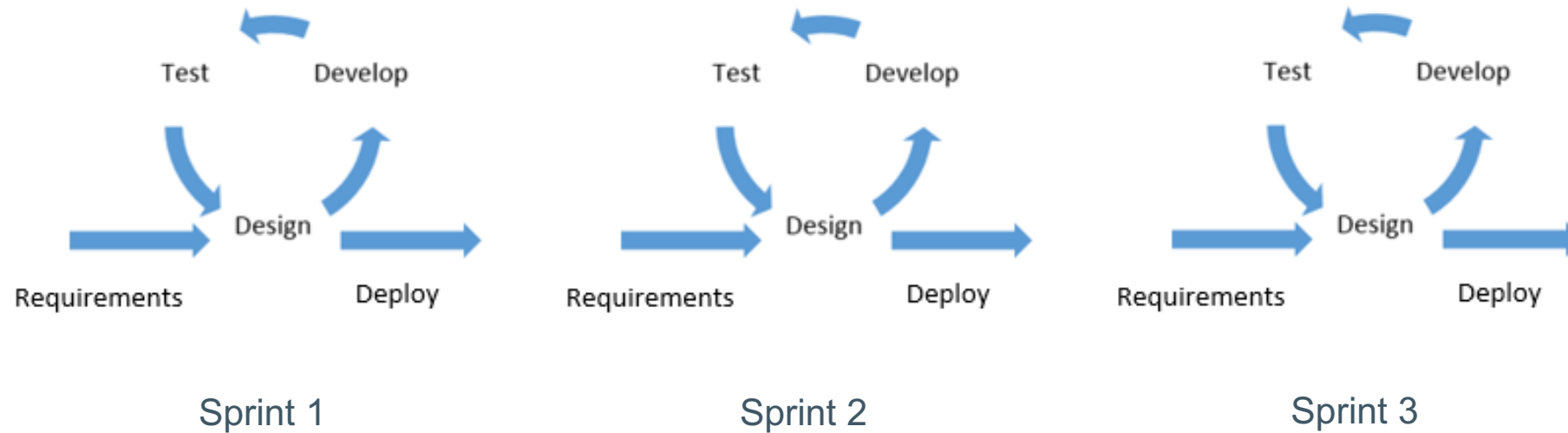
# Development Methodology

- Waterfall (traditional) approach: Linear approach, stage of development completes before the next starts



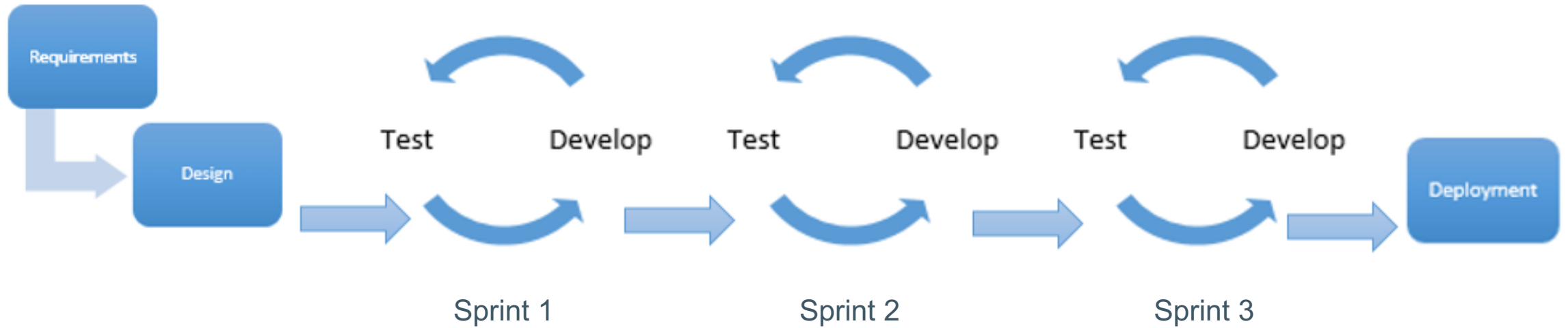
# Development Methodology

- Agile approach: Iterative approach, ongoing review and reprioritization of tasks



# Development Methodology

- Hybrid approach: Uses elements from both waterfall and agile approaches



# Dashboards

## Operational

- Monitor real time operations
- Quickly react to deviations or risks

## Analytical

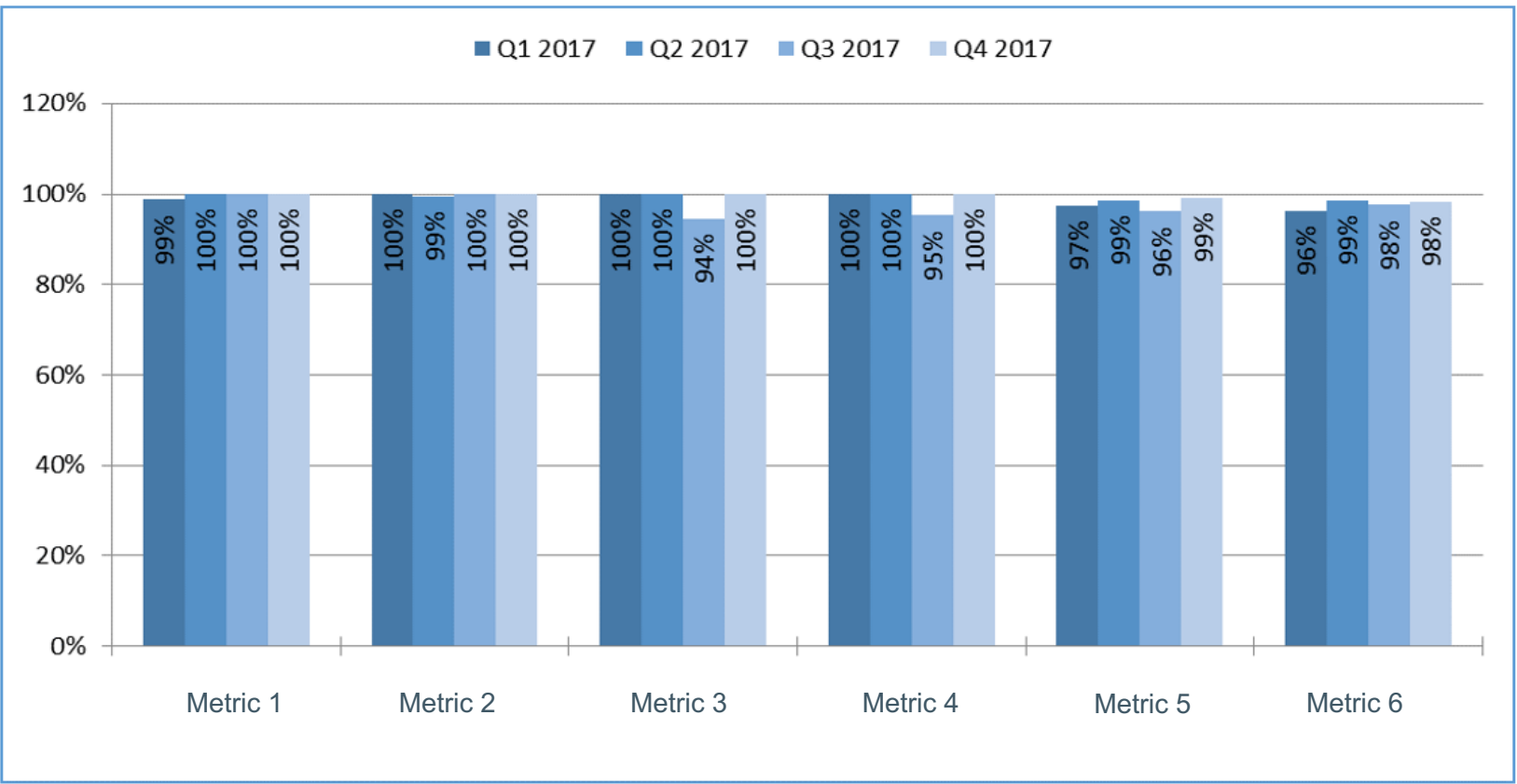
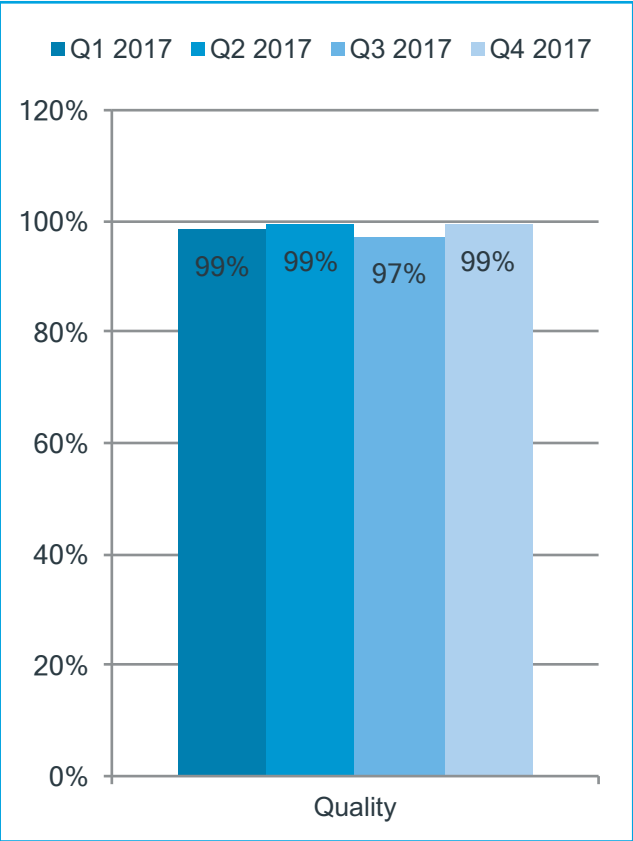
- Track trends over time
- Important to determine why things are happening

## Strategic

- High level information, typically provide key performance indicators (KPI's)
- Identify possible improvements or opportunity for expansion

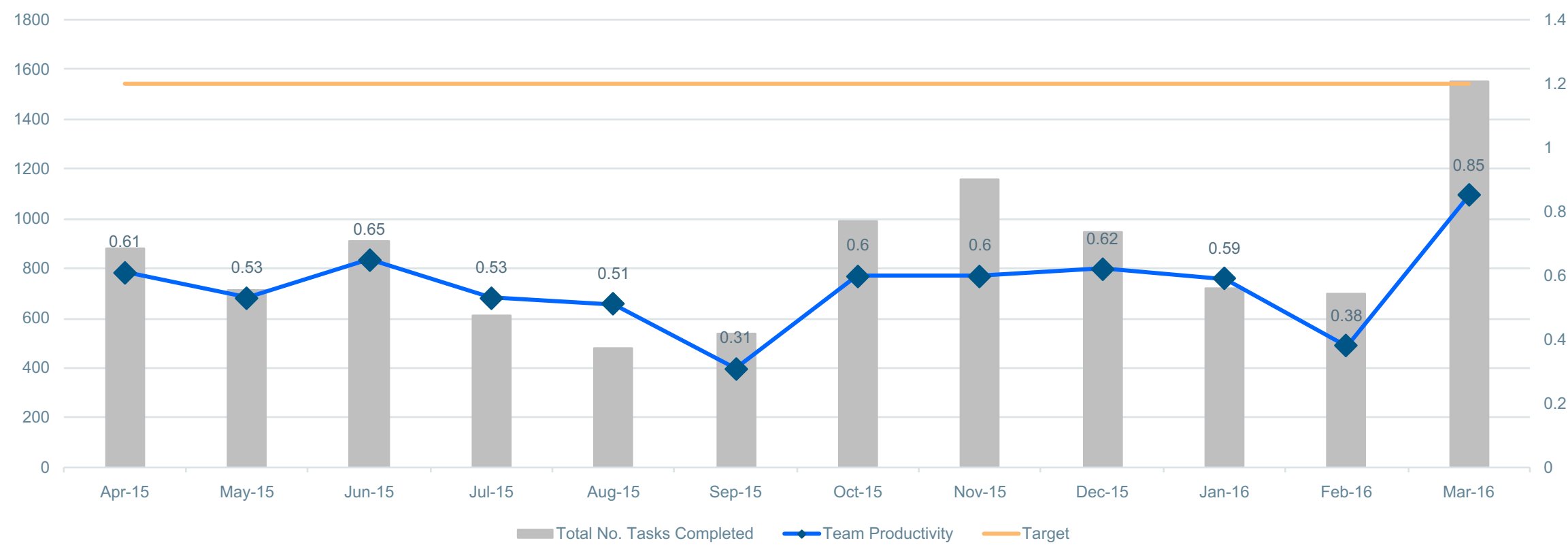
# Dashboards

- Strategic dashboard – Key Performance Indicators or Service Level Agreements



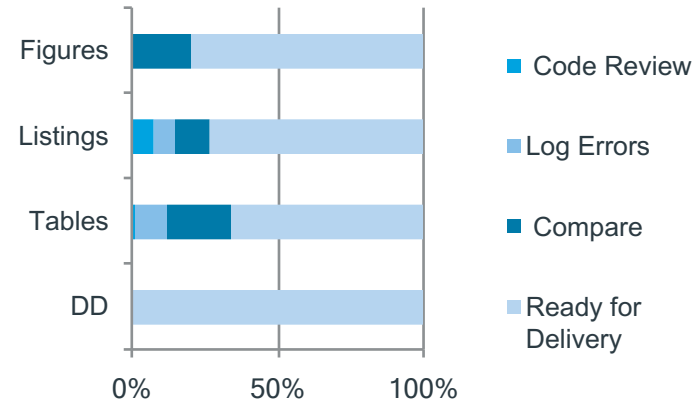
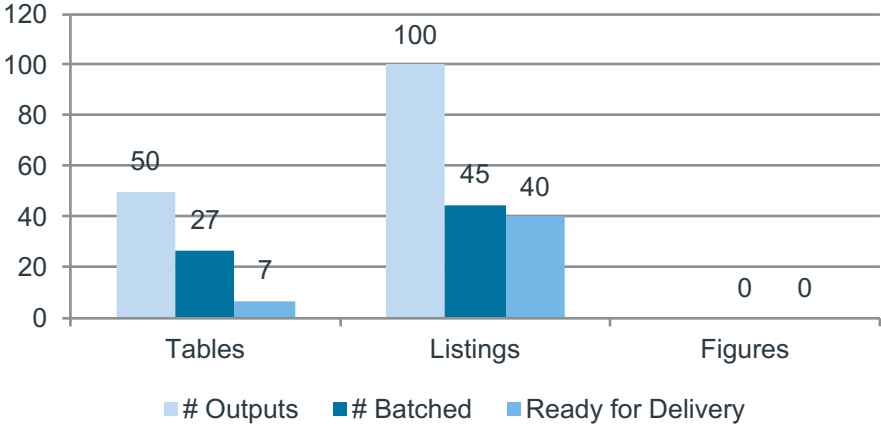
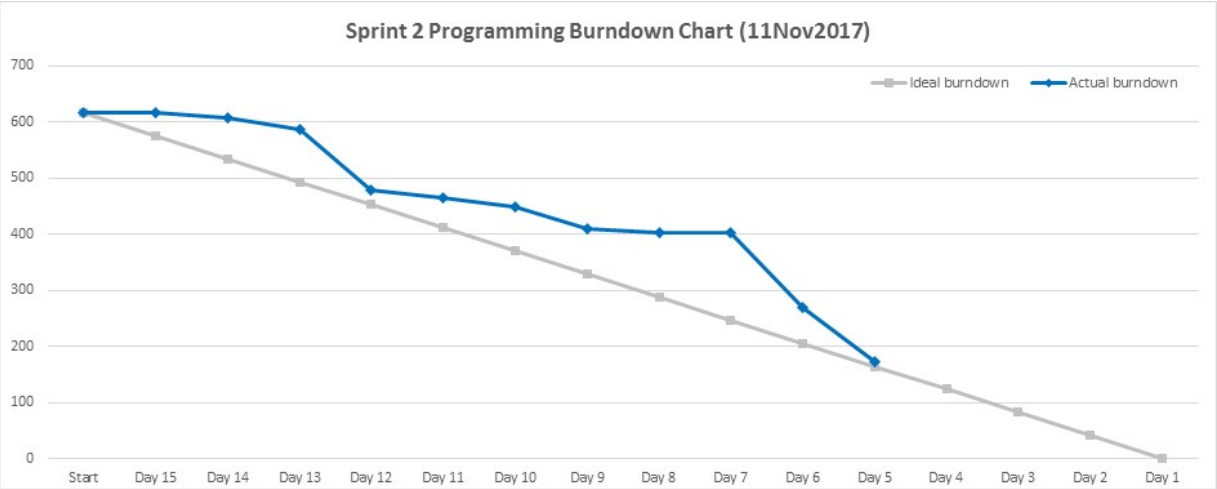
# Dashboards

- Analytical dashboard



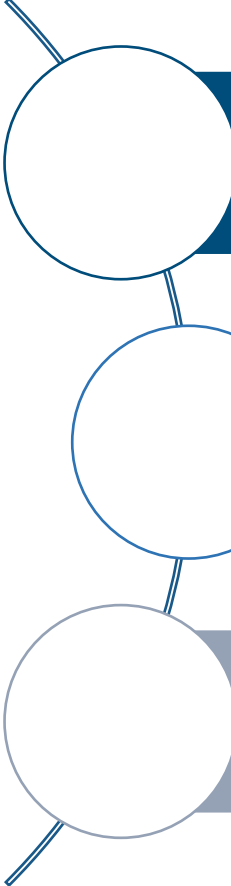
# Dashboards

- Operational dashboard(s)



- Burndown chart tracking progress (based on effort)
- Overall progress tracked (per task)
- Status tracked (per task)

## Wrap-up



Development methodology should be chosen based on what is best for your project or organization

Dashboards and visualization is beneficial

Tie in statistical programming with project management to deliver and manage projects efficiently