MIZUHO DASHBOARD

14 Jul 2020
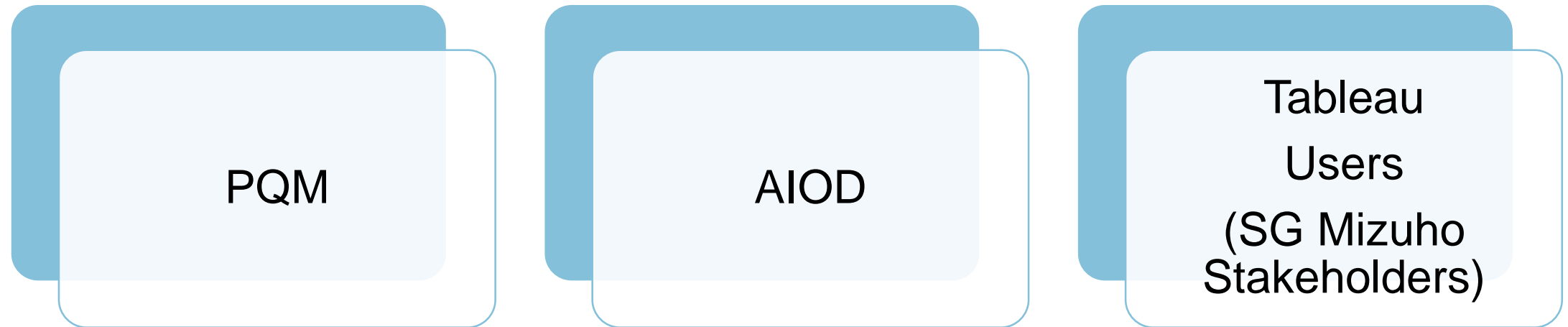
Presented by Mizuho SG Innovation Team

- This is a collaboration between

PQM

AIOD

Tableau
Users
(SG Mizuho
Stakeholders)

MIZUHO

- **To bring Dashboard culture to Mizuho**
  - Using tools such as Tableau, Qlik Sense, Microsoft BI (business intelligence) which are popular analytical dashboard tools

  - Business users and non-IT savvy staff can easily create the dashboards

    □ Centralising Tableau is the top priority

Dashboard Tool - Tableau

- **What's Tableau**

  - "Grand master" of data visualization software

  - over 60,000 user accounts across a multitude of industries

  - interactive interface with simple drag-and-drop functionality speeds up and simplifies the creation process

  - can easily handle large, fast-changing datasets

  - integrates smoothly with various technologies e.g. Hadoop, AWS, MySQL, SAP and Teradata

MIZUHO

Goal

- Deploy Tableau Server to enable collaboration and empower more users to gain insights from the dashboard while ensuring data governance

- Centralized environment

- Using Active Directory to access i.e. login using own Windows ID
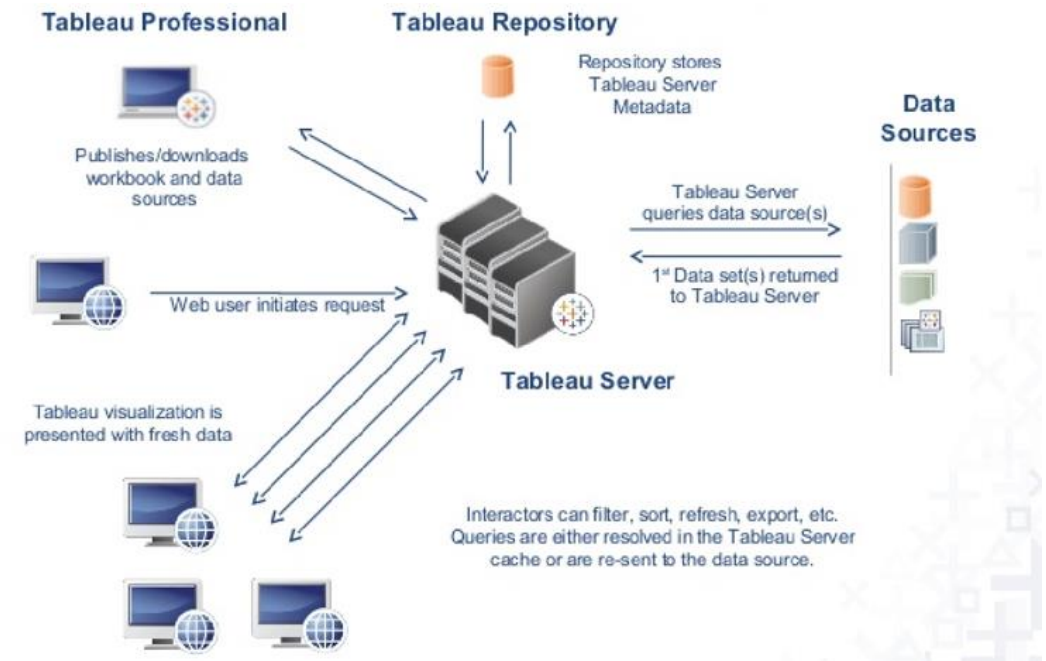
- Using web browser, no installation required

Tableau Professional

Tableau Repository

Repository stores
Tableau Server
Metadata

Data Sources

Publishes/downloads
workbook and data
sources

Tableau Server
queries data source(s)

1st Data set(s) returned
to Tableau Server

Web user initiates request

Tableau Server

Tableau visualization is
presented with fresh data

Interactors can filter, sort, refresh, export, etc.
Queries are either resolved in the Tableau Server
cache or are re-sent to the data source.

Tableau is not new to Mizuho

Currently Mizuho have 22 desktop licences (9 desktop, 13 creator) managed by different departments and having different expiry dates

◆AOOP/AOAD   7 (Desktop-6   Creator-1)

◆AOTD   3 (Desktop-3)

◆RMD   3 (Creator-3)

◆MRD   4 (Creator-4)

◆AIOD   5 (Creator-5)

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Timeline

#	Tasks	May			Jun				Jul				Aug				Sep			Oct			
1	Project Initiation		▨	▨																				
2	Budget Approval (Dev server if appl; align expiry data; explorer/viewer license)				▨	▨	▨	▨																
3	Convert desktop to server (creator license)								▨	▨	▨	▨	▨											
4	Align creator license expiry date								▨	▨	▨	▨	▨											
5	Procure explorer/viewer license								▨	▨	▨	▨	▨											
6	14-Day Tableau Virtual Bootcamp								▨	▨														
7	Prepare Dev Server													▨	▨	▨	▨							
8	Prepare Prod Server													▨	▨	▨	▨							
9	Prepare DR server													▨	▨	▨	▨							
10	Traning for Creators																	▨	▨					
11	Training for Viewers																	▨	▨					
12	UAT and Testing																				▨	▨	▨	▨
13	Mnagement Report																				▨	▨	▨	▨
14	System Release																				▨	▨	▨	▨

Infra & Deployment

- Hardware
  - AIOD will prepare server by using existing hardware for
    - Development
    - Production. Servers are to be confirmed.

- Software
  - Convert desktop to server license
  - Align to same expiry date(Same annual cost when we renew desktop licenses)
  - Innovation Team to decide on how many new licenses to purchase
  - Viewer license

- Other Documentation

Next Steps

- Training
  - Tableau
    1. Tableau Virtual Bootcamp – 13 Jul to 24 Jul
    2. Tableau online eLearning – 90 days trial

  - Innovation Team
    - Workshops – Aug/Sep
    - For users who need to create new workbooks, dashboards (Creators)
    - For users who need to view and interact with published workbooks, dashboards (Viewers)