

# Tech Data / IBM

# Discovery Workshop Programme

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# Agenda

- Overview of Activity
- Engagement Pathway
- Demo
- Journey to AI workshop
- Call to Action
- Tech Data Services



# Activity Content

Aim of the activity is to engage with the relevant stakeholders within the end user:

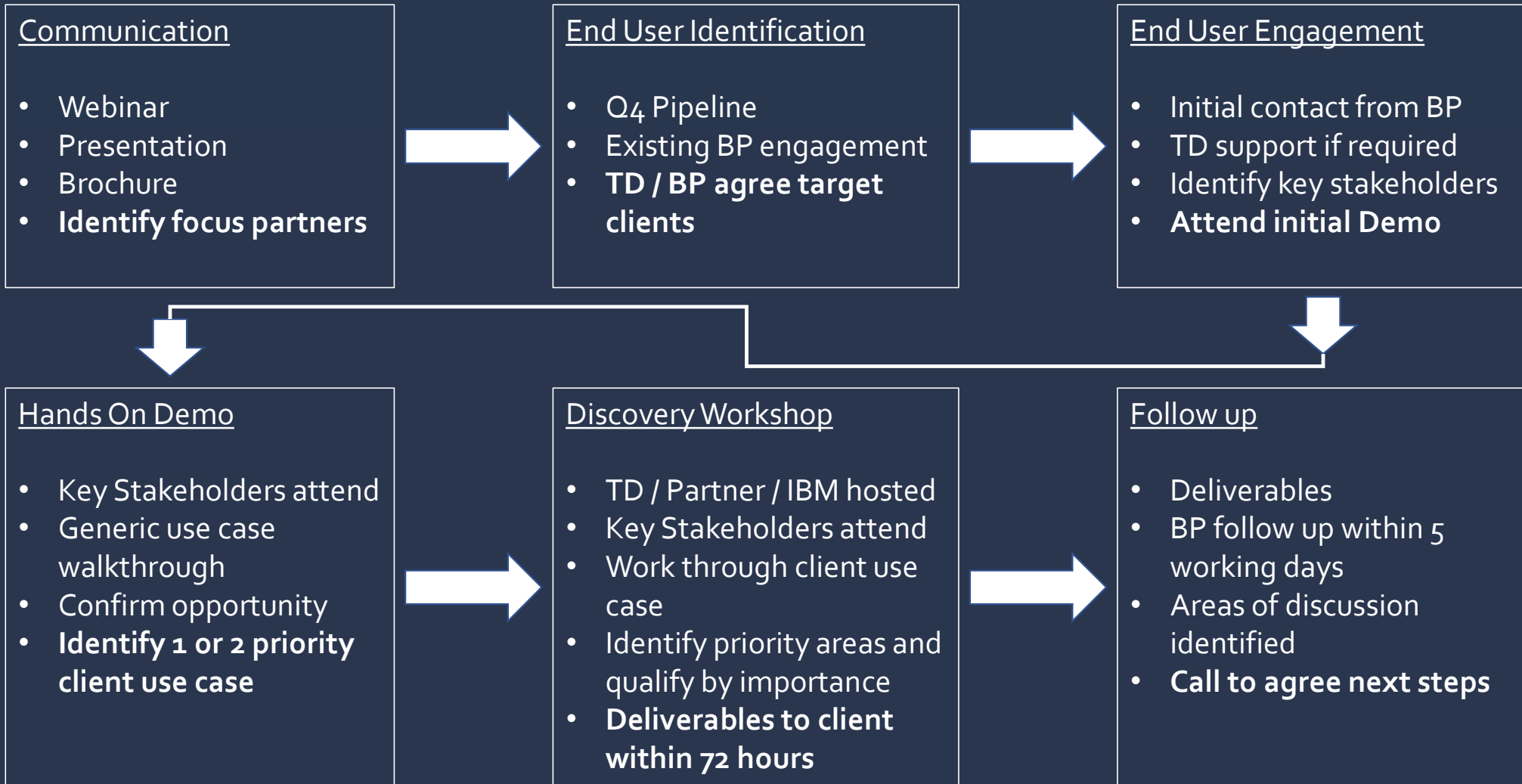
- Take them through a hands-on demo using a generic use case
- Identify specific use cases relevant to their enterprise
- Bring them together in a separate workshop
- Identify business imperatives based upon use cases identified
- Agree priorities
- Produce set of deliverables
- Agree PoC / next steps

Depending on use case it maybe possible to move straight to workshop

or

There may be a need to revisit the client's requirements with an alternative solution





# Journey to AI engagement

## Partner Engagement

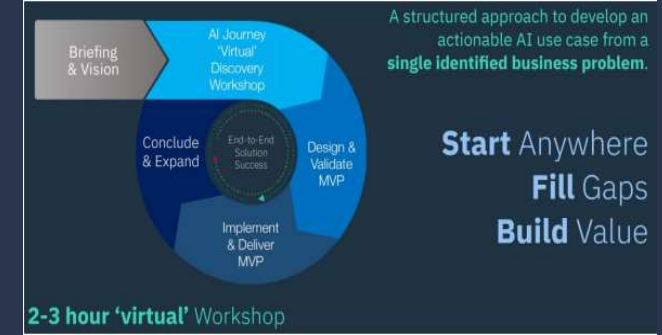
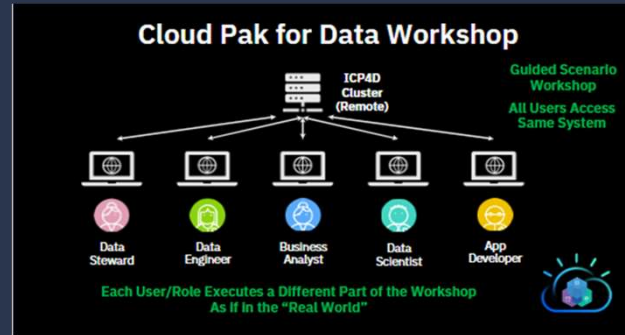
- Webinar
- In country BUs
- Industry Consultants
- Opportunity driven
- Cloud Pak Accelerator – Trade Up / Upgrade
- Objective – Drive partners to engage existing installed base and bring on to demo session

## Guided Workshop Persona Demo

- Tech Data / Partner hosted session on TD CP4D system
- End users – adopt personas
- Hands On session
- Use Case driven showing breadth of platform across several personas
- Objective – identify 1 or 2 end user use cases for AI Workshop

## Journey to AI Workshop

- IBM / Tech Data / Partner hosted
- End users use case developed
- Interactive session
- End User decision makers / influencers
- Objective – position IBM CP4D as required Data Platform



# Persona Demo

[ Chris Garvey  
Tech Data ]



# Persona Demos

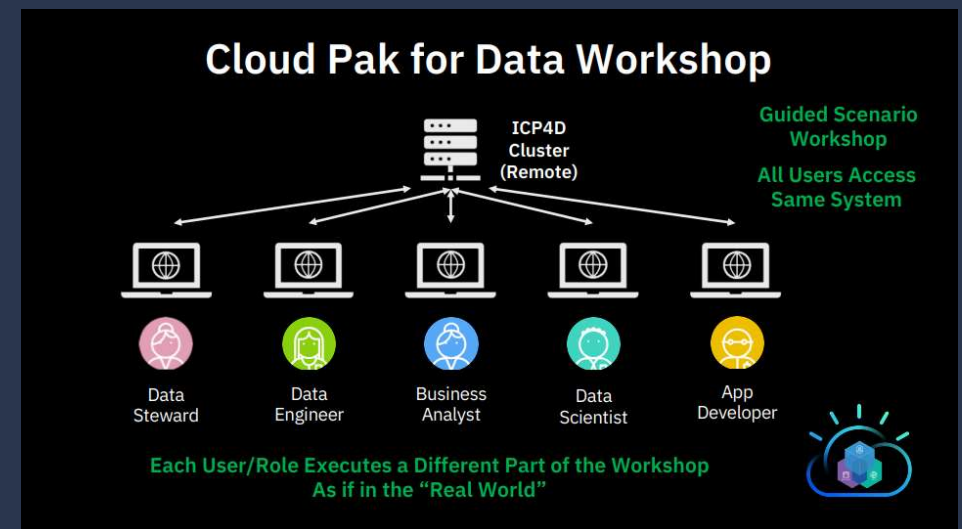
A guided workshop where an end user works through a number of scenarios that are designed to highlight potential use cases within their own organisation.

Adopting a number of roles, such as Business Analyst, Data Engineer, Data Steward, Data Scientist, the client will run through use cases showing the breadth and potential of the IBM Cloud Pak for Data platform.

When the client identifies the most relevant use case it can be used to facilitate the Journey to AI workshop.

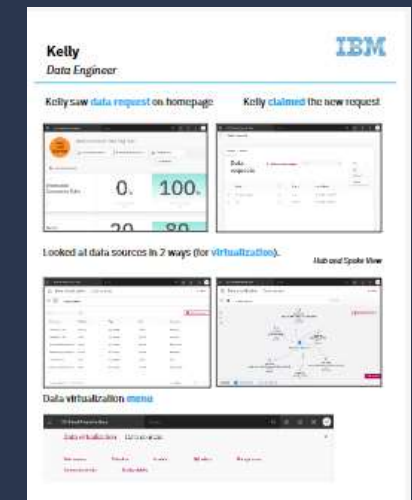
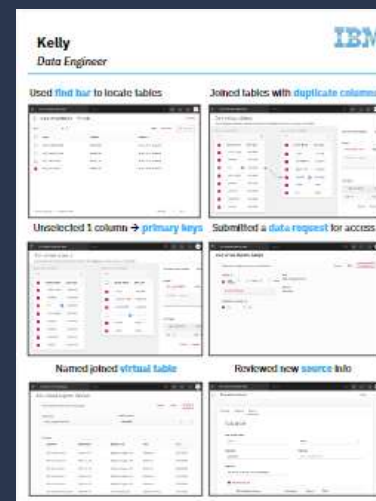
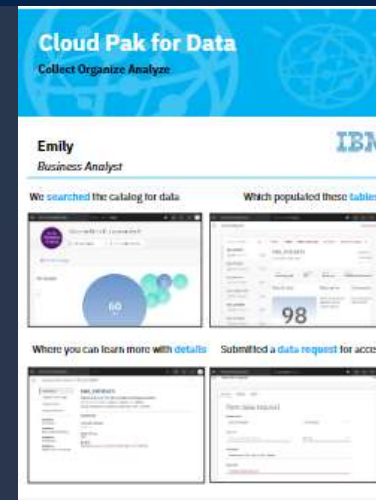
## Example Workshop Agenda:

- CP4D Introduction (30 min)
- Assign Roles (15 min)
- CP4D Interface Overview (15 min)
- Perform first scenario (45 – 60 mins)
- Additional Modules – Optional (45 – 60 mins)



# Persona Scenarios

- 3 Scenarios – Healthcare
  - Enterprise Search
  - Data Governance \ Virtualisation
  - Data Science \ Exploration
- User Persona's
  - Data Steward
  - Data Engineer
  - Business Analyst
  - Data Scientist
  - Application Developer
  - IT manager
- Workshop Objective
  - Assist end user with identifying relevant, Business use cases for CP4D





# Example Persona Use Case

## Cloud Pak For Data



Workshop Scenario Example

Workflow – Search, Request, Deliver, Access/Analyze Data



- Emily needs to analyze data regarding patient allergies
  - Search for what's available
  - Get access to the data
  - Query/view the data



# Searching for Data ...

The screenshot displays a web application interface for searching and analyzing data. The main content area shows the search results for 'MD3\_PATIENTS', which was created by 'Fred Steward' on '04-25-2019'. A table provides details about the data source:

TYPE	SOURCE	GROUP	CLASS	LAST MODIFIED
database_table	DB2	Databases	ASCIModel.DatabaseTable	07-16-2019

Below the table, a 'Data Quality' section features a large blue box with the number '98' and the text 'OVERALL QUALITY'. The 'Description' column contains the text 'Maryland General Patients', and the 'Comments' column shows 'No comments for the selected item.'.

On the left side, a sidebar lists various search results with their respective data quality scores and relevance percentages:

- MD3\_PATIENTS (98% RELEVANCE)
- MD3\_ALLERGIES (94% RELEVANCE)
- MD3\_PATIENTS (89% RELEVANCE)
- MD3\_ALLERGIES (84% RELEVANCE)
- PASSPORT (80% RELEVANCE)
- ID (80% RELEVANCE)
- DEATHDATE (80% RELEVANCE)
- MAZDEN (80% RELEVANCE)
- GENDES (80% RELEVANCE)



# Data Access Request...

New data request Confirm

Overview Columns Source

## New data request

Request name \*  
Maryland Allergies Add to project

Issue link  
Paste an existing issue URL, here High

Description  
Need access to MD\_Patients and MD\_Allergies

Data intent  
Creating an allergy dashboard



# Deliver data to users & Join data quickly using Data Virtualisation...

New data request

Request name \*  
Maryland Allergies Add to project

Source link  
Points on existing issue URL, App High

Description  
Need access to MD\_Patients and MD\_Allergies

Data intent  
Creating an allergy dashboard

## Join virtual objects

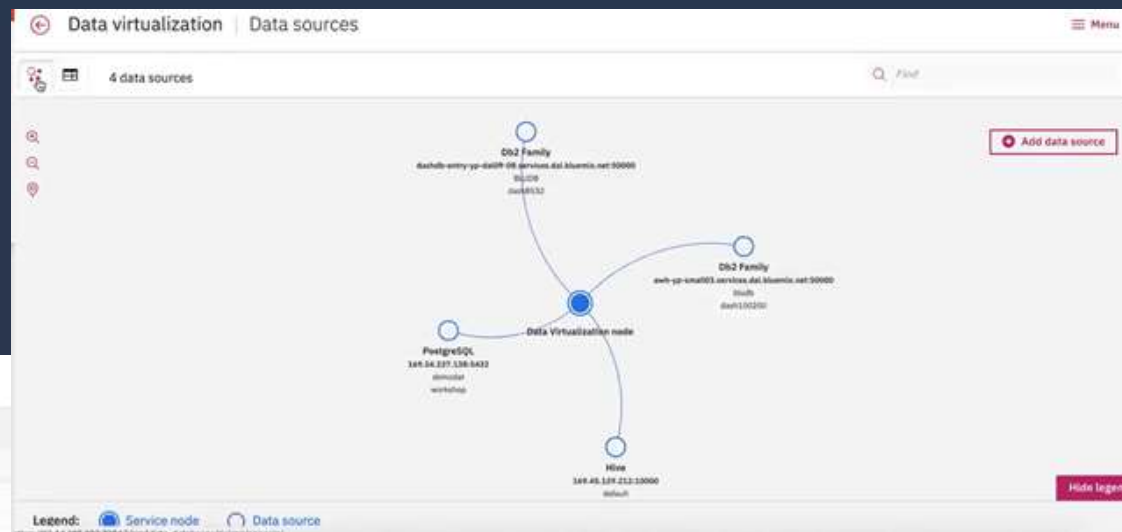
Join two columns by selecting a column from one table and then dragging your cursor to a column in the other table

Table 1: MD3\_PATIENTS

Column Name	Data Type
LAST	VARCHAR
DEATHDATE	DATE
DRIVERS	VARCHAR
ETHNICITY	VARCHAR
FIRST_NAME	VARCHAR
GENDER	VARCHAR
ID	VARCHAR
LAST_NAME	VARCHAR
MAIDEN	VARCHAR

Table 2: MD3\_ALLERGIES

Column Name	Data Type
CODE	INTEGER
DESCRIPTION	VARCHAR
ENCOUNTER	VARCHAR
PATIENT	VARCHAR
START	DATE
STOP	DATE



ADDRESS = F1AL1E2

Join keys

MD3_PATIENTS	MD3_ALLERGIES
VAR ID	VAR PATIENT

Cancel Preview Join



# Access the Virtualised table...

New data request Save Accept request

Overview Columns **Source**

## Source

Data source name  
DR8 BigSQL

Username  
user1004 Password  
Write a password here

JDBC URL  
jdbc:82://12.44.195.102:31409/bigsql

**+** Add new data set

Remote data set name	Description	Schema	Table
1	USER1001.MD3_patient_allergies	USER1001	MD3_patient_a

Data virtualization | My data Menu

Find

<input type="checkbox"/>	Table	Schema	Created on	Assign
<input type="checkbox"/>	MD3_patient_allergies	USER1001	17 Jul 2019 17:44:30	
<input type="checkbox"/>	hospital_join_national	USER1010	19 Apr 2019 16:59:40	...

Items per page: 50 | 1-2 of 2 items

1 of 1 page < **1** >



# Query/View data using a Dashboard...

The dashboard shows a table with the following columns: ADDRESS, BIRTHDATE, BIRTHPLACE, CITY, DEATHDATE, and DRIVERS. The data is as follows:

	ADDRESS	BIRTHDATE	BIRTHPLACE	CITY	DEATHDATE	DRIVERS
1	565 Hintz Knoll	1978-07-29	Howard County, Maryland, US	Baltimore		S99972214
2	565 Hintz Knoll	1978-07-29	Howard County, Maryland, US	Baltimore		S99972214
3	565 Hintz Knoll	1978-07-29	Howard County, Maryland, US	Baltimore		S99972214
4	876 Hauck Flat	1909-11-17	Baltimore County, Maryland, US	Baltimore	2005-11-30	S99918856
5	959 Carter Viaduct	1964-10-23	Kingston, Kingston, JM	Baltimore	2018-11-09	S99971207
6	959 Carter Viaduct	1964-10-23	Kingston, Kingston, JM	Baltimore	2018-11-09	S99971207
7	959 Carter Viaduct	1964-10-23	Kingston, Kingston, JM	Baltimore	2018-11-09	S99971207
8	959 Carter Viaduct	1964-10-23	Kingston, Kingston, JM	Baltimore	2018-11-09	S99971207
9	959 Carter Viaduct	1964-10-23	Kingston, Kingston, JM	Baltimore	2018-11-09	S99971207
10	576 Fadel Crossing Unit 6	1970-08-27	Laurel, Maryland, US	Baltimore County		S99958132
11	576 Fadel Crossing Unit 6	1970-08-27	Laurel, Maryland, US	Baltimore County		S99958132
12	576 Fadel Crossing Unit 6	1970-08-27	Laurel, Maryland, US	Baltimore County		S99958132
13	576 Fadel Crossing Unit 6	1970-08-27	Laurel, Maryland, US	Baltimore County		S99958132
14	576 Fadel Crossing Unit 6	1970-08-27	Laurel, Maryland, US	Baltimore County		S99958132
15	332 Satterfield Club Unit 81	1991-05-05	Frostburg, Maryland, US	Howard County	2010-07-25	S99982304
16	332 Satterfield Club Unit 81	1991-05-05	Frostburg, Maryland, US	Howard County	2010-07-25	S99982304

The dashboard displays two visualizations. The bar chart shows the count of patients by city, with Baltimore having the highest count. The pie chart shows the distribution of patients by gender, with a roughly equal split between Male and Female.

City	Count
Baltimore	16
Baltimore County	10
Howard County	2

Gender	Count
Male	8
Female	8



# Journey To AI Discovery Workshop

[ Jon Simmons  
IBM ]





# AI Journey 'virtual' Discovery Workshop

Data & AI

You are a 'Data Company'

Jon Simmons

Cloud & Cognitive Software, Data Platform Solution Engineer

[jon.simmons@uk.ibm.com](mailto:jon.simmons@uk.ibm.com)

October, 2020

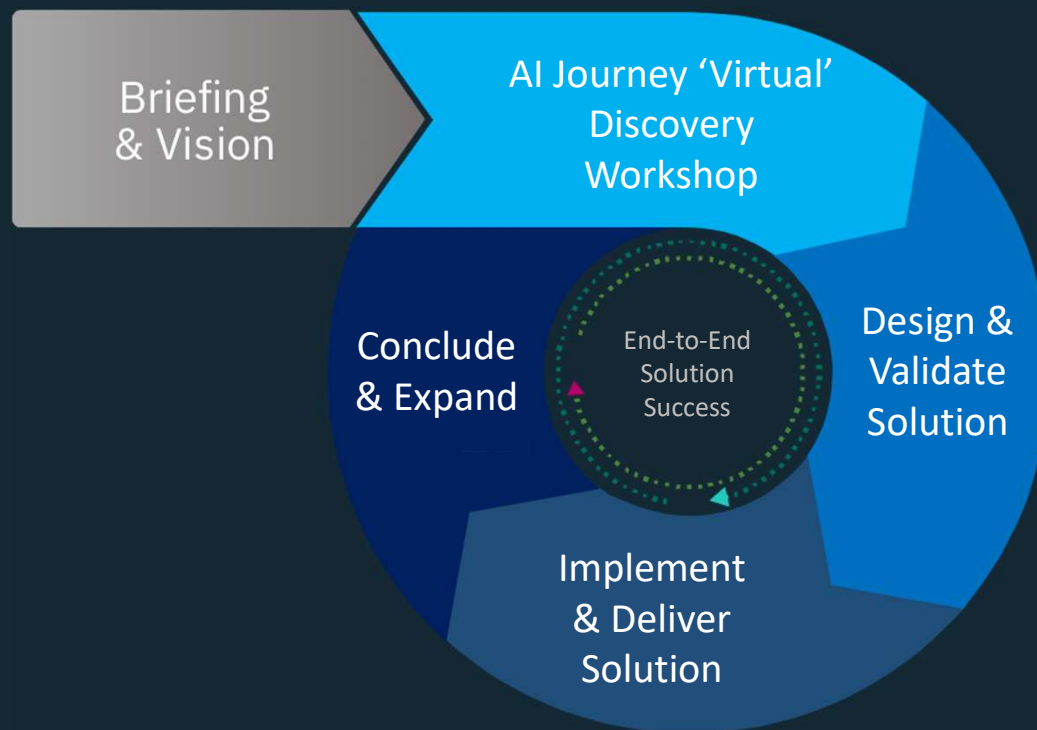


## The AI Journey “virtual” Discovery Workshop

# The AI Journey Method



The **AI Journey ‘Virtual’ Discovery Workshop** provides the initial steps in **strategy** and **implementation** to **transform your business** into a cognitive enterprise and **unlocks the full potential of your data** and AI services.



Artificial intelligence continues to scale within industries and business.

Machine learning and AI will **profoundly shape every industry**. Your competitors are already using it today.

Your business may be primed for AI. However, to be **successful**, you need **AI built for business**.

Where do you start ???

## AI Journey “virtual” Discovery Workshop

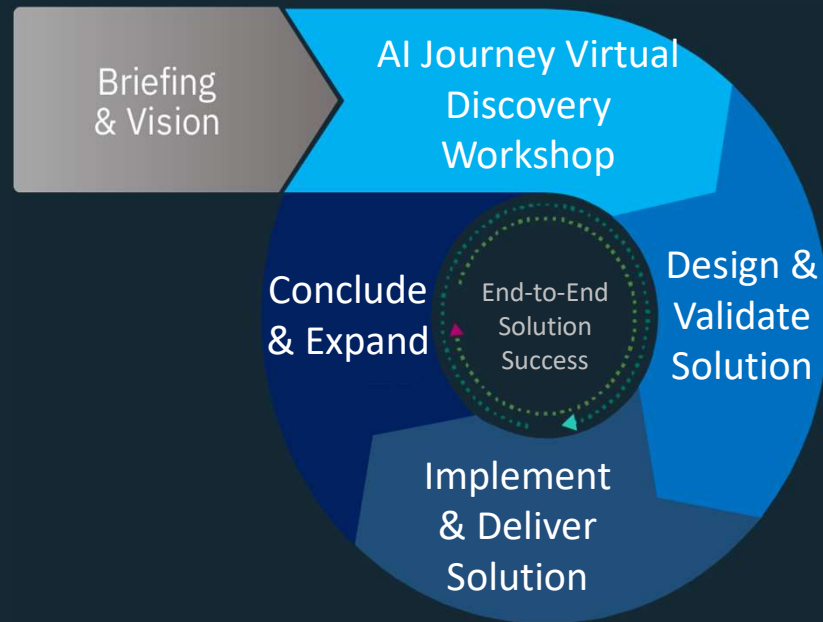
### The AI Journey Method

# AI Journey ‘Virtual’ Discovery Workshop

2-3 hour ‘virtual’ discovery workshop, free of charge. (Uses virtual Mural tool and templates)

### Deliverables

- ✓ Business use case ideation
- ✓ A future state solution to implement the business use case
- ✓ High-level roadmap for MVP with progression steps (draft plan) including:
  - a) Dates
  - b) Outcomes
  - c) Resource plan



**Take a step today.....**

**<https://www.ibm.com/uk-en/analytics/journey-to-ai>**

## AI Journey Method

# Executive Briefing

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Before the workshop.... set the scene...

Before the workshop brief the client business sponsor and key stakeholders. Explain the objectives and how the workshop will work.

Specifically cover: -

- i. The 'vision' of what we are trying to achieve.
- ii. The 'people' who will be involved in the workshop and 'wider influence-rs' if possible.
- iii. The 'challenges' faced in the subject area or in their business.
- iv. The 'impact' of solving the issue or doing nothing - CRA

Suggested Attendees

**Data & AI Facilitator**

**Data & AI Architect**

**Relevant SMEs**

**Business Sponsor/ Key Stakeholders**

**Technical Sponsor**

**Relevant SMEs**

**CDO Office Team/Program Team**

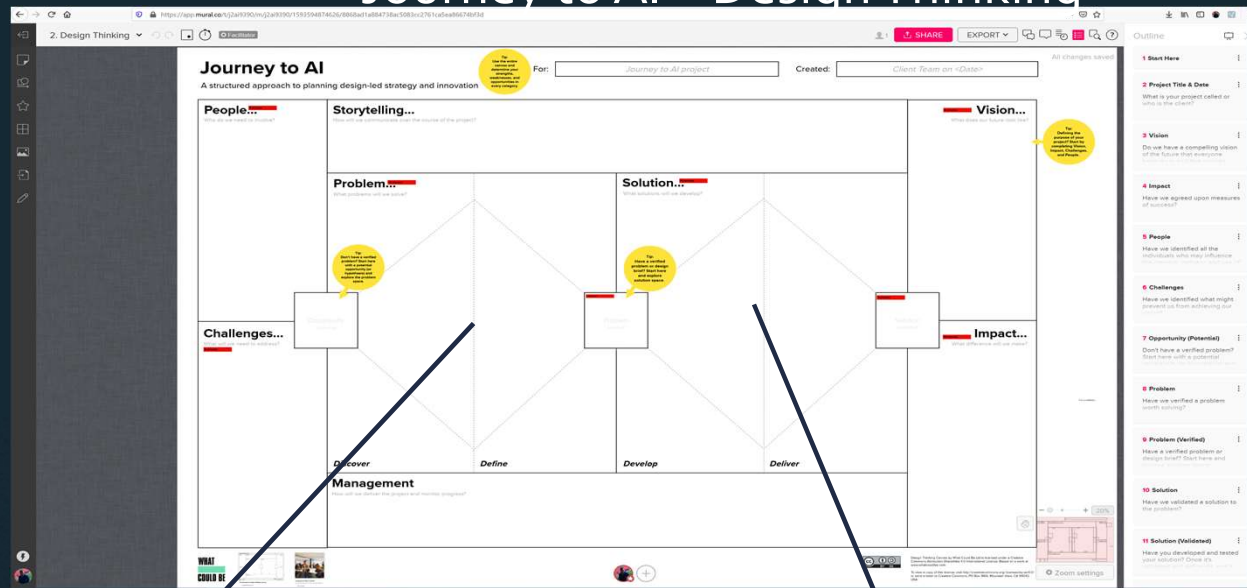
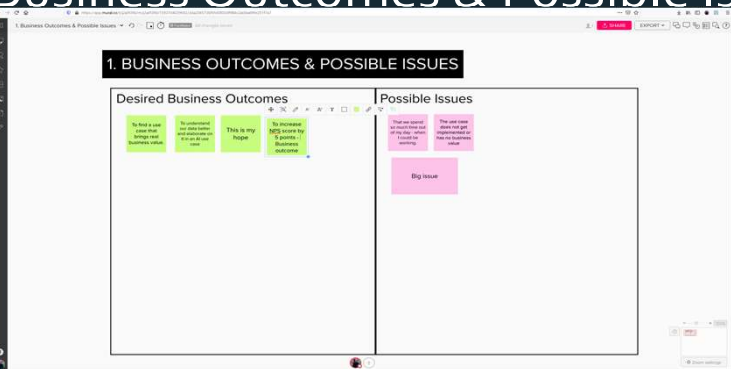
# AI Journey "virtual" Discovery Workshop

## AI Journey Method

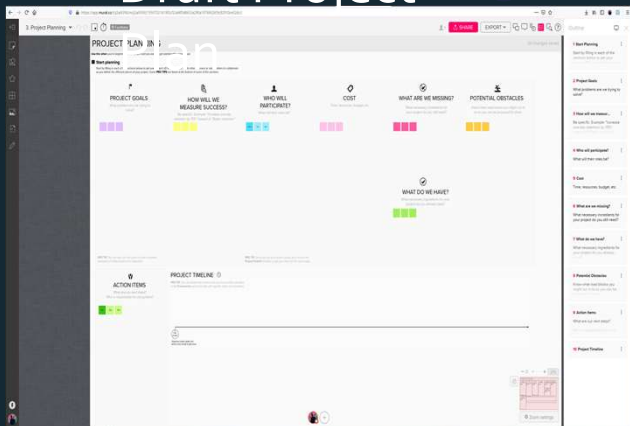
# Mural Templates

# Journey to AI – Design Thinking

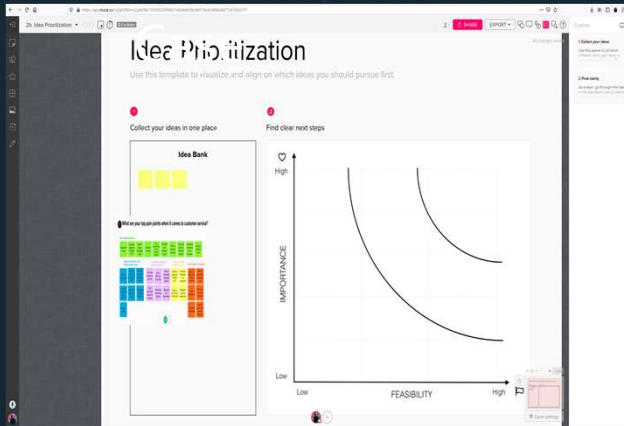
## Business Outcomes & Possible Issues



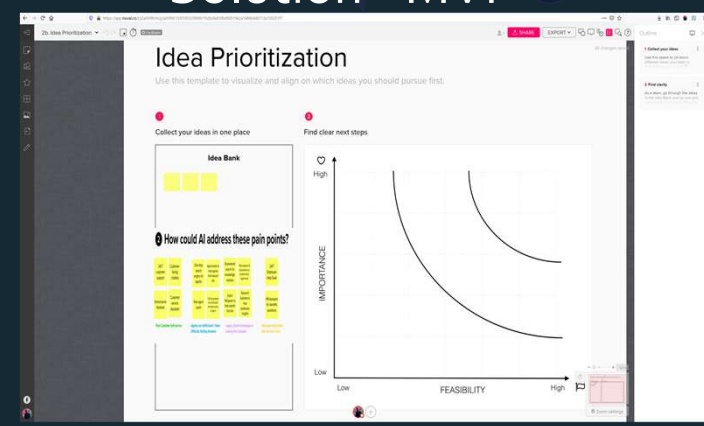
## Draft Project



## Business Use



## Solution - MVP



# Tech Data Services



Paul Archer  
Tech Data



# Tech Data Services



## Tech Data Services

Preconfigured services offering available at point of sale

Included:

- System Engineering
- Monitoring / Maintenance
- Network
- Database
- Application

More details to follow in the next few weeks



# Questions...?



Next webinar in series, Wednesday 18<sup>th</sup> November at 2pm UK time / 3pm CET

IBM Cloud Pak for Data™: Industry Accelerator demos, Deep Dive

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Visit the Tech Data Cloud Pak for Data site:

<https://eu.techdata.com/ibm-cloud-pak-for-data-system>

