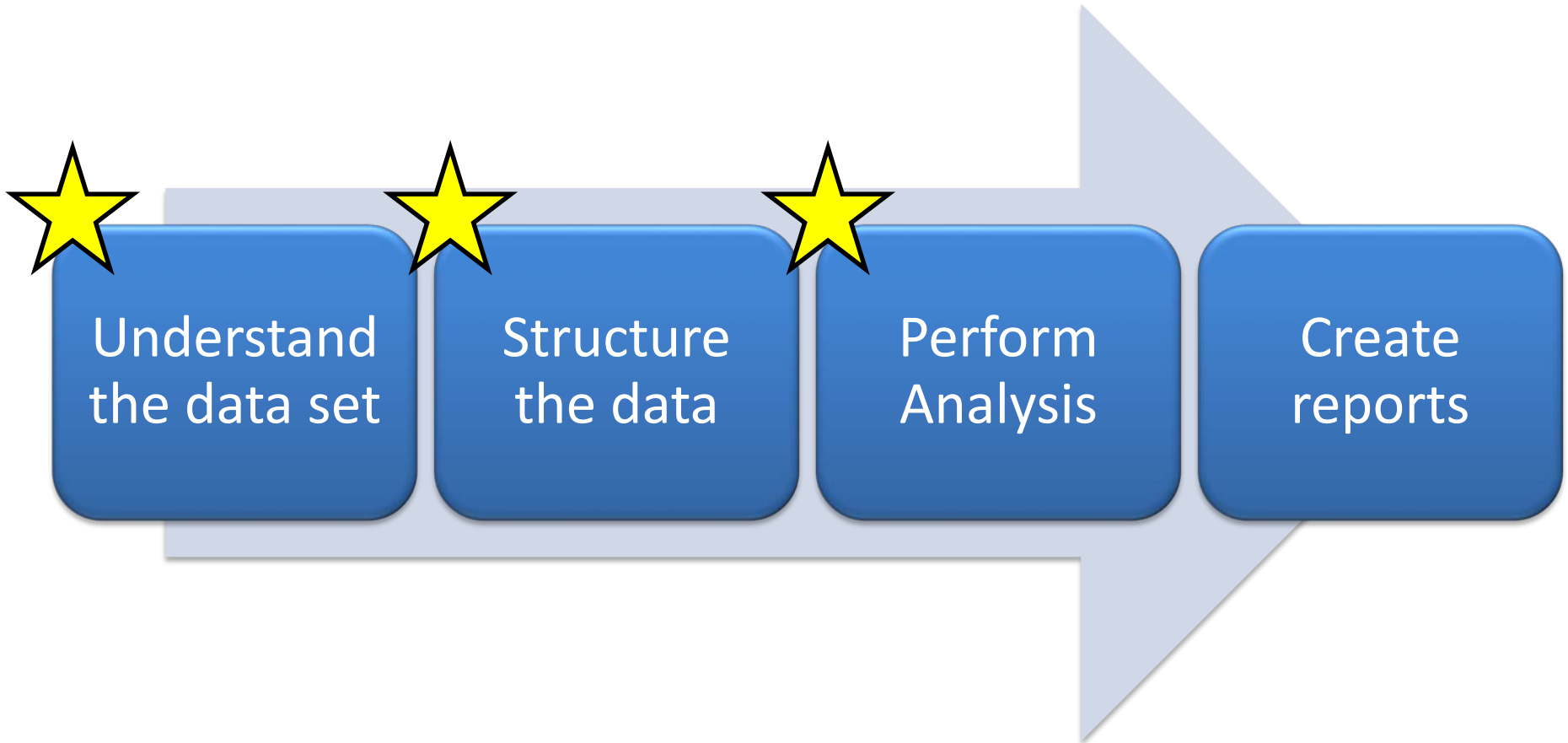


ICEAA 2016 Professional Development & Training Workshop: Provide Agile Analysis to Stakeholders Using Category Tagging Approach Atlanta, GA





- Organizations are getting a better handle of their data
- Organizations understand data can support their decisions
- Decision makers are demanding faster analysis





Questions to ask

- What are your sources?
- What are the fields in your data sources?
- How often are the data sets updated?
- How do your data sources relate to one another?
- What are the fields in your data sources that you can use as unique IDs?



Data Sources Examples

- Life Cycle Cost Estimate
- Work Breakdown Structure
- Schedule
- Budget Formulation Spreadsheets
- Budget Execution Spreadsheets
- Contractor Data
- Personnel Data



Field Type Examples

Field Type	Examples
Financial	<ul style="list-style-type: none">• Obligations• Expenditures• Cost
Technical	<ul style="list-style-type: none">• Size• Speed• Software• Hardware
Programmatic	<ul style="list-style-type: none">• Project Name• Task Name• Dates• Unique IDs• Contract Type• Organization



Questions to ask

- What information is important to my customer?
- What is the level of information needed?
- What are your unique identifiers to connect your multiple data sets?
- Are the data in a consistent format?
- How are you going to tag the data?
- What additional data tagging is required?



Typical Customer Question

How much is _____ spending on _____ over _____ time period?

Categories	Example Questions
People	<ul style="list-style-type: none"> • What is the breakout of my contractor vs government personnel? • What is the FTE count and the cost of my personnel?
Organization	<ul style="list-style-type: none"> • How much am I spending throughout my organization? • How does my organization compare with other organizations? • How does my Divisions/Branches compare to one another?
Product	<ul style="list-style-type: none"> • How much am I spending on my products? • How do my products compare to one another? • How do my products compare to other external products?
Cost Types	<ul style="list-style-type: none"> • Where am I spending my money? • How much am I spending on IT?



Do This

- Use the data provided as much as possible
- Duplicate the lines, if necessary
- Standardize and normalize the data
- Ensure each data point can be tagged mutually exclusive
- Pull the information you want into one spreadsheet

Don't Do This

- Allocate costs
- Structure the data hierarchical

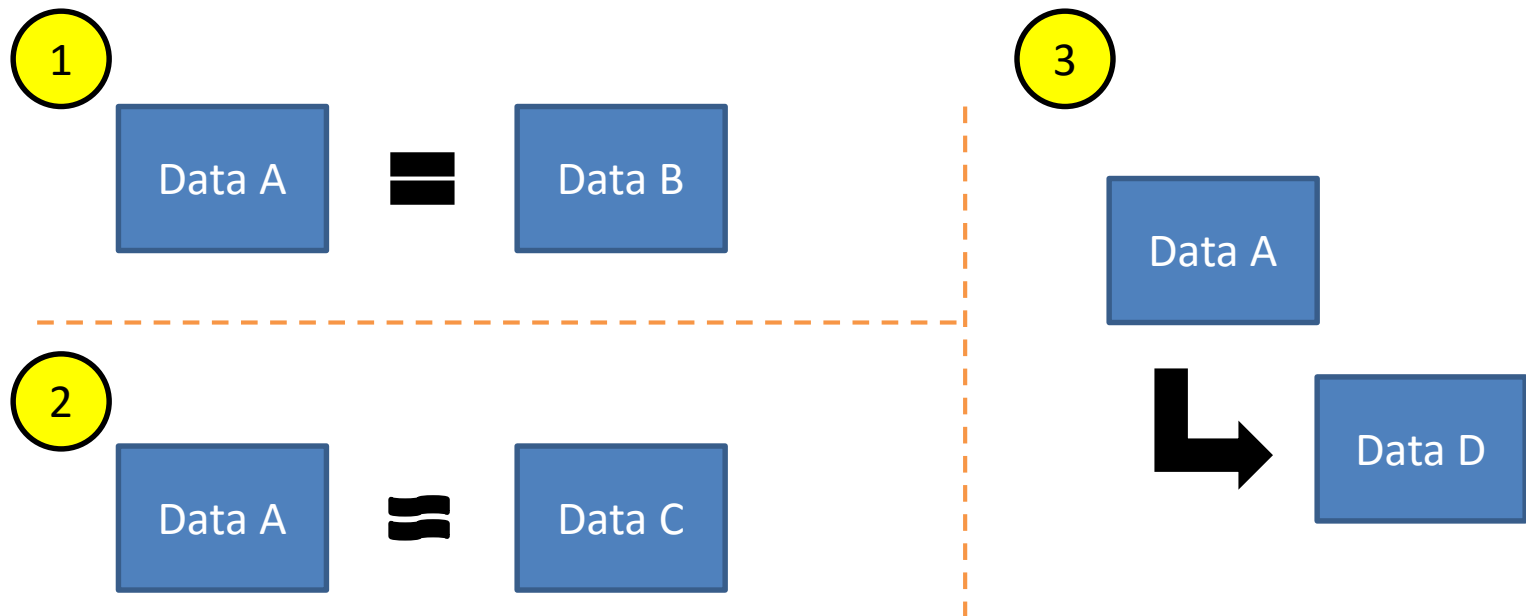


Questions to ask

- What is the customer's question?
- What information is required to answer the question?
- How will you integrate multiple data sources?
- What tool(s) will you use for the analysis?



Understand how your data relates and pull in the information





Microsoft Excel Worksheet





Name: Eric Hong

Cellphone: 703-232-5271

E-mail: eric.hong@dynamotechnologies.com