



Deloitte.

**Shape a better
tomorrow.**

Deloitte Student Programs

Deloitte Australia - Data Analytics Job Simulation

Offered by: Deloitte Australia

Platform: Forage

Virtual Job Simulation Project

**Data Analytics &
Forensic Technology**

Organization Overview

```
graph TD; A(( )) --- B[Offered by]; A --- C[Platform]; A --- D[Industry]; A --- E[Focus on]; B --- F[Deloitte Australia]; C --- G[Forage]; D --- H[Professional Services & Consulting]; E --- I[real business challenges];
```

Offered by

Deloitte Australia

Platform

Forage

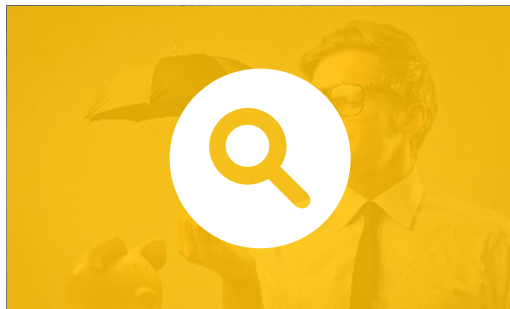
Industry

Professional Services & Consulting

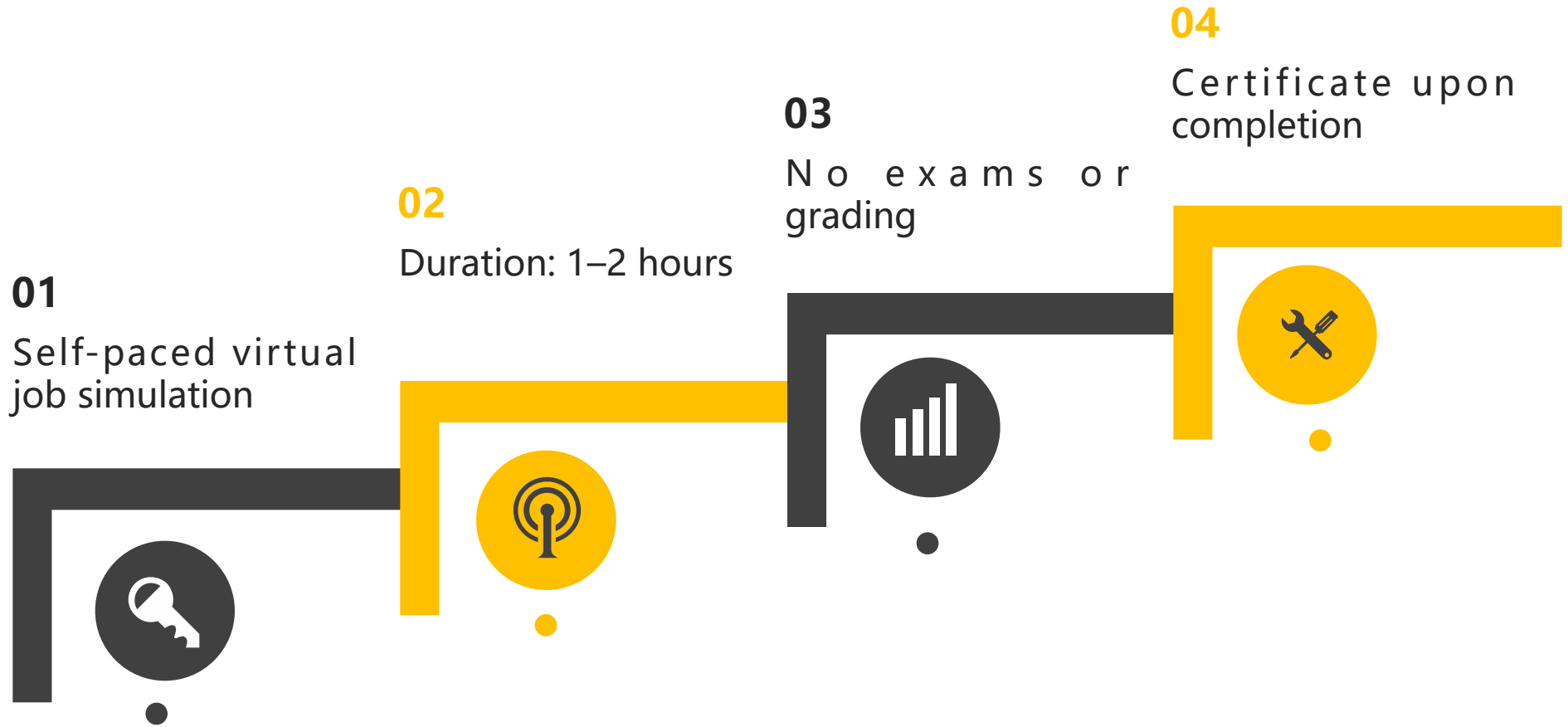
Focus on

real business challenges

Project Overview



About the Program



Why This Job Simulation



Project Objectives

01
Analyze complex datasets

02
Identify patterns & anomalies

03
Apply forensic data thinking

04
Build dashboards for insights

05
Communicate findings professionally



Skills Developed



- Data Analysis
- Data Modeling
- Data Visualization
- Forensic Investigation
- Spreadsheet Analytics
- Structured Problem Solving



Deloitte Australia Data Analytics Skills Learned

Add skills to your resume

Make your resume stand out with your new skills!

DATA ANALYSIS

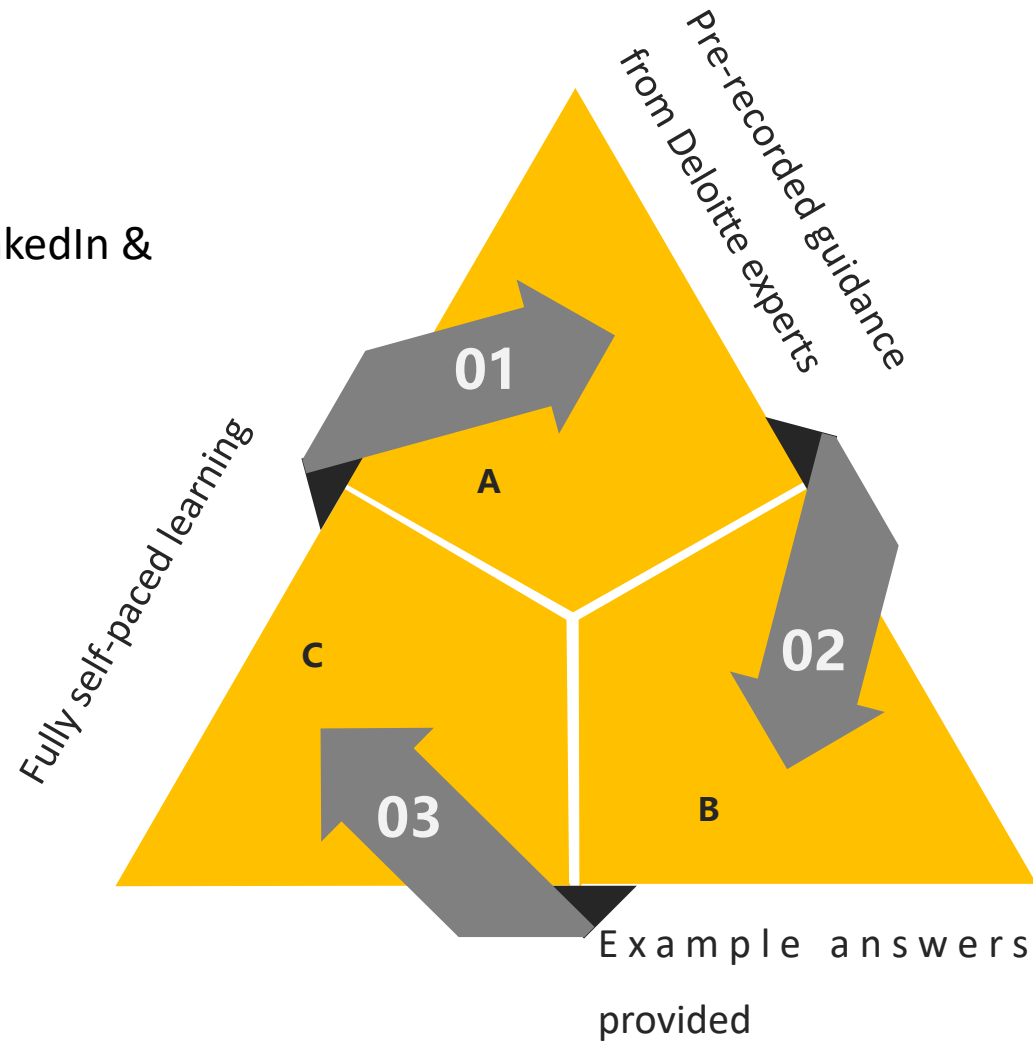
DATA MODELING

DATA VISUALIZATION TOOLS

SPREADSHEET SKILLS

How the Program Works

Certificate for LinkedIn & resume



Tasks Overview



Task 1: Data Analysis &
Dashboard



Task 2: Forensic
Technology Analysis



Real client-style datasets &
Business-focused problem
solving

Tasks Overview

Progress

Deloitte **Data Analytics**
⌚ 1-2 hours

✓ COMPLETED ^

Tasks



Task 1: Data analysis
⌚ 30-60 mins



Task 2: Forensic technology
⌚ 20-30 mins



Finish Line: Collect achievements
⌚ 1 Minute

Achievements



Resume snippet
Unlocked!



Interview tip
Unlocked!



Certificate
Unlocked!



Congratulations — all achievements unlocked!

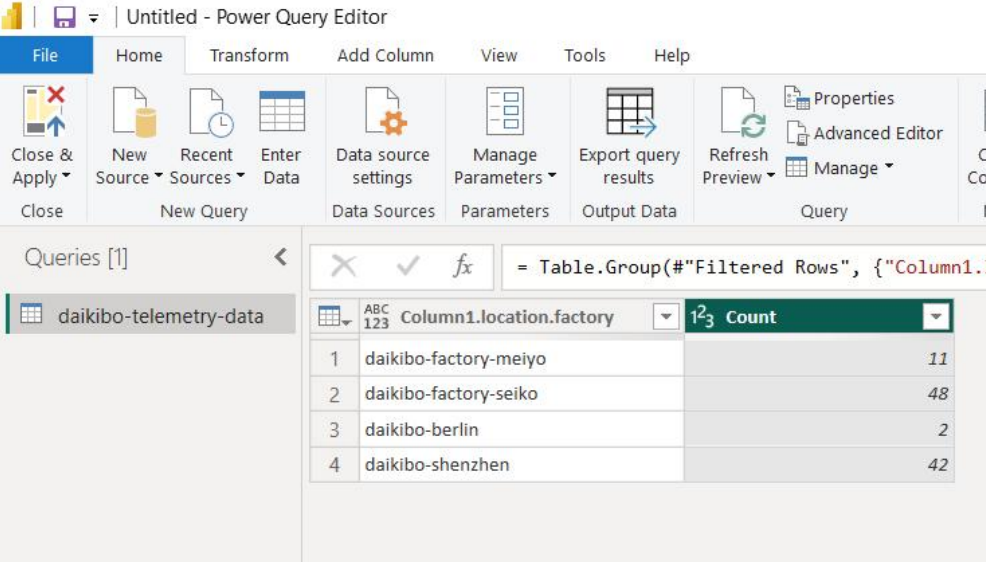
Start using your job sim achievements to build an all-star resume and profile that'll stand out in front of recruiters.

Start Job Prep



Task One – Data Analysis

- Worked on telemetry datasets
- Multiple factory locations analyzed
- Machine breakdown patterns studied
- Operational insights generated



The screenshot displays the Microsoft Power Query Editor window titled "Untitled - Power Query Editor". The interface includes a ribbon with tabs: File, Home, Transform, Add Column, View, Tools, and Help. The "Transform" tab is active, showing options like "Data source settings", "Manage Parameters", "Export query results", "Refresh Preview", and "Advanced Editor". Below the ribbon, the "Queries [1]" pane shows a query named "daikibo-telemetry-data". The main area displays a table with the following data:

	Column1.location.factory	Count
1	daikibo-factory-meiyo	11
2	daikibo-factory-seiko	48
3	daikibo-berlin	2
4	daikibo-shenzhen	42

Task One – Key Learnings

- Data exploration techniques
- Identifying high-risk locations
- Machine-level performance analysis
- Analytics-driven decision support

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply Close New Source Recent Sources Enter Data Data source settings Data Sources Manage Parameters Parameters Export query results Output Data Refresh Preview Query Properties Advanced Editor Manage

Queries [1]

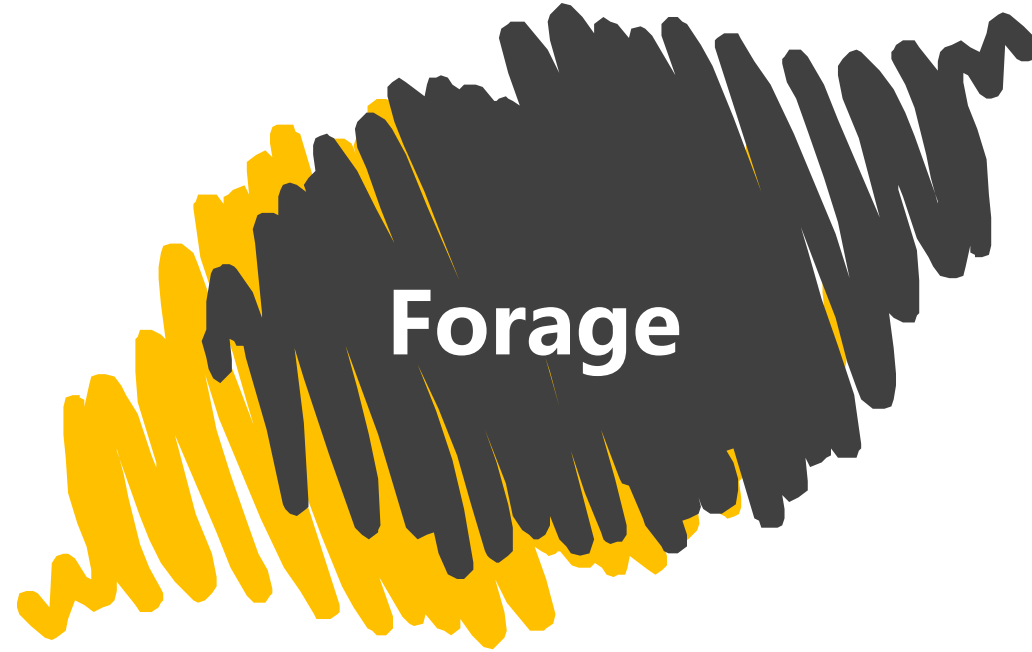
daikibo-telemetry-data

ABC 123 Column1.deviceType 1² Count

1	LaserWelder	48
---	-------------	----

= Table.Group(#"Filtered Rows", {"Column1..."

Task Two – Forensic Technology



- Gender pay equality dataset analysis
- Logical classification of equality scores
- Identification of risk areas
- Forensic data reasoning applied

Task Two – Key Focus Areas



- Equality score categorization
- Bias & discrimination indicators
- Data-based investigation
- Preventive insight generation

Task Two – Key Focus Areas

Task 5 Equality Table.xlsx				
Home				
SUM				
=IF(ABS(C2)<=10,"Fair",IF(ABS(C2)<=20,"Unfair","Highly Discriminative"))				
Factory	Job Role	Equality Score	Equality class	Equality class
Daikibo Factory Meiyo	C-Level	-25	=IF(ABS(C2)<=10,"Fair",IF(ABS(C2)<=20,"Unfair","Highly Discriminative"))	
Daikibo Factory Meiyo	VP	-26	Highly Discriminative	Highly Discriminative
Daikibo Factory Meiyo	Director	-19	Unfair	Unfair
Daikibo Factory Meiyo	Sr. Manager	-15	Unfair	Unfair
Daikibo Factory Meiyo	Manager	-14	Unfair	Unfair
Daikibo Factory Meiyo	Jr. Manager	-20	Unfair	Unfair
Daikibo Factory Meiyo	Sr. Engineer	-5	Fair	Fair
Daikibo Factory Meiyo	Engineer	-8	Fair	Fair
Daikibo Factory Meiyo	Jr. Engineer	3	Fair	Fair
Daikibo Factory Meiyo	Operational Support	-22	Highly Discriminative	Highly Discriminative
Daikibo Factory Meiyo	Machine Operator	-7	Fair	Fair
Daikibo Factory Seiko	VP	-19	Unfair	Unfair
Daikibo Factory Seiko	Director	-10	Fair	Fair
Daikibo Factory Seiko	Sr. Manager	-21	Highly Discriminative	Highly Discriminative
Daikibo Factory Seiko	Manager	-21	Highly Discriminative	Highly Discriminative
Daikibo Factory Seiko	Jr. Manager	-24	Highly Discriminative	Highly Discriminative
Daikibo Factory Seiko	Sr. Engineer	-4	Fair	Fair
Daikibo Factory Seiko	Engineer	-7	Fair	Fair
Daikibo Factory Seiko	Jr. Engineer	4	Fair	Fair
Daikibo Factory Seiko	Operational Support	-19	Unfair	Unfair
Daikibo Factory Seiko	Machine Operator	-5	Fair	Fair
Daikibo Berlin	Sr. Manager	-15	Unfair	Unfair
Daikibo Berlin	Manager	-16	Unfair	Unfair
Daikibo Berlin	Jr. Manager	-17	Unfair	Unfair
Daikibo Berlin	Sr. Engineer	4	Fair	Fair
Daikibo Berlin	Engineer	2	Fair	Fair
Daikibo Berlin	Jr. Engineer	4	Fair	Fair
Daikibo Berlin	Operational Support	0	Fair	Fair
Daikibo Berlin	Machine Operator	-6	Fair	Fair
Daikibo Shenzhen	Sr. Manager	-21	Highly Discriminative	Highly Discriminative
Daikibo Shenzhen	Manager	-21	Highly Discriminative	Highly Discriminative

Task 5 Equality Table.xlsx				
Home				
SUM				
=IF(AND(C2>=-10,C2<=10),"Fair",IF(AND(C2>=-20,C2<=20),"Unfair","Highly Discriminative"))				
Factory	Job Role	Equality Score	Equality class	Equality class
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Daikibo Factory Meiyo	VP	-26	Highly Discriminative	
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Daikibo Factory Meiyo	Jr. Manager	-20	Unfair	
Daikibo Factory Meiyo	Sr. Engineer	-5	Fair	
Daikibo Factory Meiyo	Engineer	-8	Fair	
Daikibo Factory Meiyo	Jr. Engineer	3	Fair	
Daikibo Factory Meiyo	Operational Support	-22	Highly Discriminative	
Daikibo Factory Meiyo	Machine Operator	-7	Fair	
Daikibo Factory Seiko	VP	-19	Unfair	
Daikibo Factory Seiko	Director	-10	Fair	
Daikibo Factory Seiko	Sr. Manager	-21	Highly Discriminative	
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Daikibo Berlin	Machine Operator	-6	Fair	
Daikibo Shenzhen	Sr. Manager	-21	Highly Discriminative	
Daikibo Shenzhen	Manager	-21	Highly Discriminative	

Dashboard Development



Forage

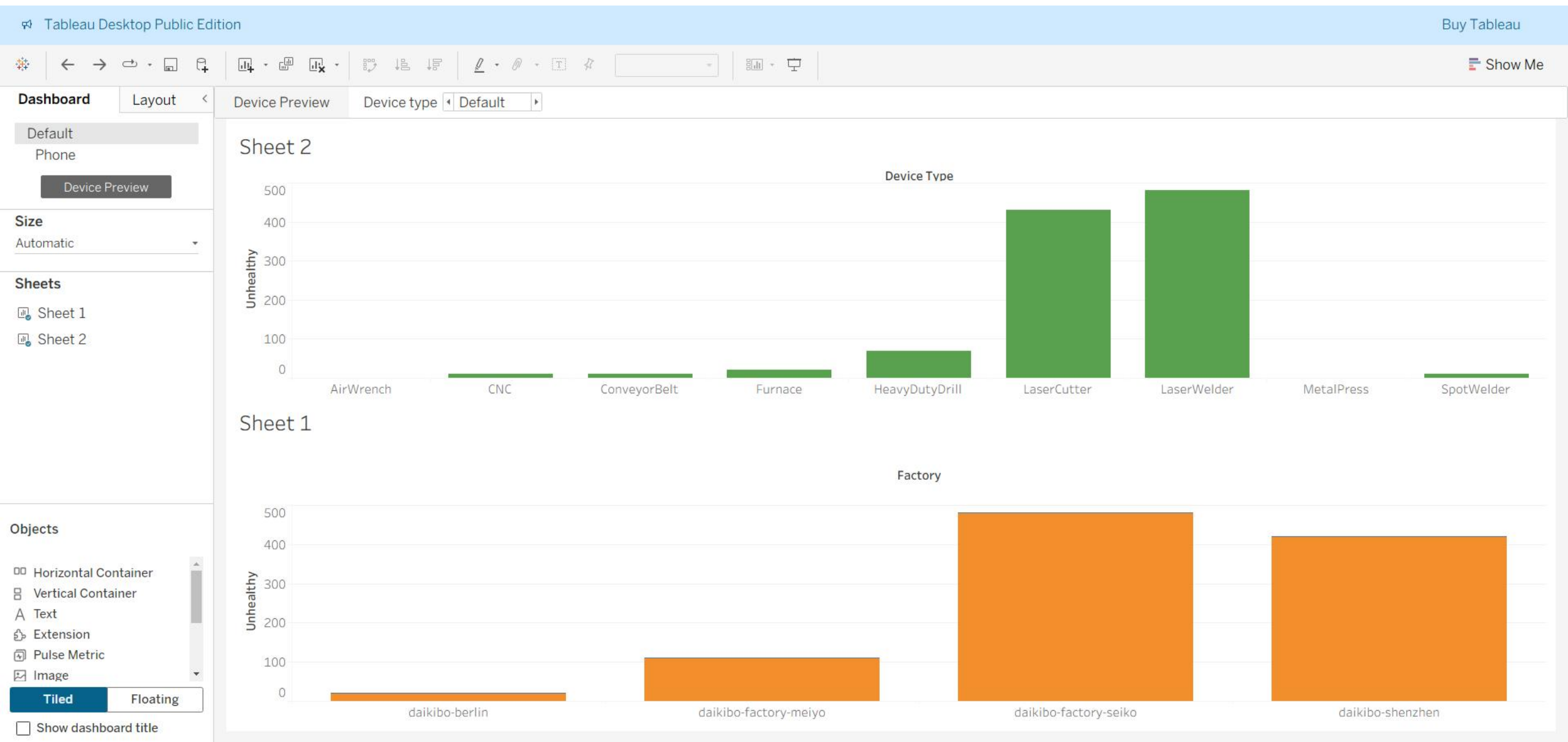


Deloitte

- Interactive dashboard creation
- Charts & filters for clarity
- Stakeholder-friendly design
- Visual storytelling with data



Dashboard Development



Tools & Technologies Used

- Microsoft Excel
- Tableau / Power BI
- Spreadsheet-based analytics
- Data visualization techniques

1

01

2

02

3

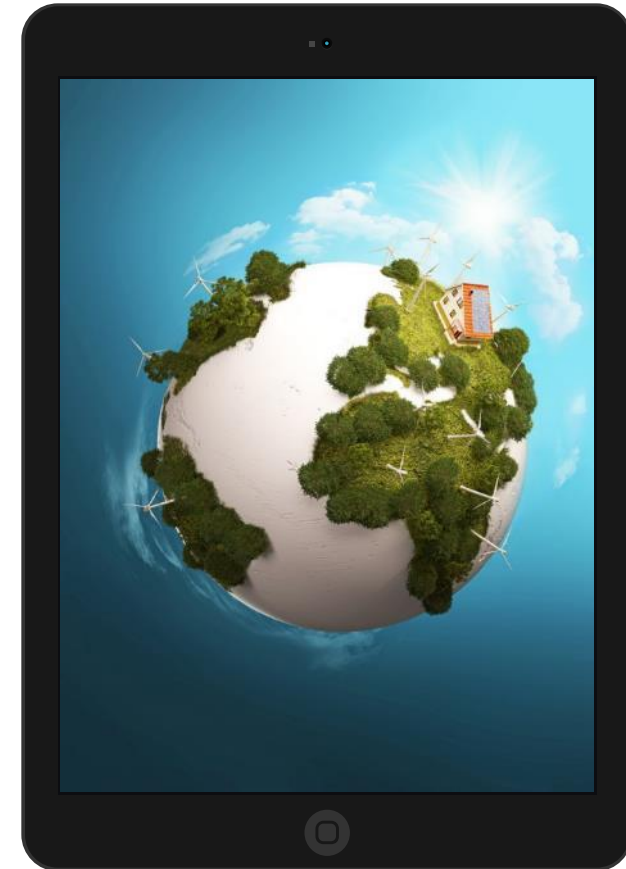
03

4

04

Repository Structure (GitHub)

- Data files
- Dashboard visuals
- Analysis documentation
- Well-structured README



Key Insights

	Specific machine types caused major issues		Analytics supports evidence-based decisions	
Certain locations had higher failures		Equality analysis flagged monitoring needs		Practical tasks based on real scenarios

Learning Outcomes



- Real consulting environment exposure
- Practical analytics experience

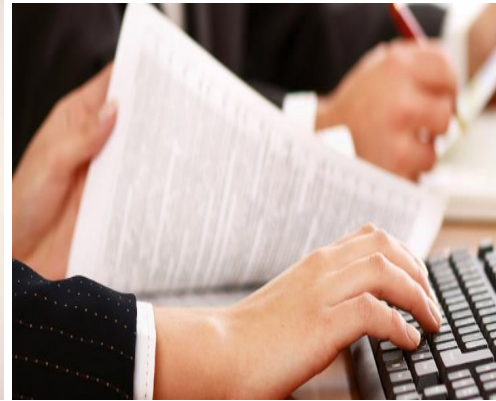


- Data Analysis
- Data Visualization
- Critical Thinking



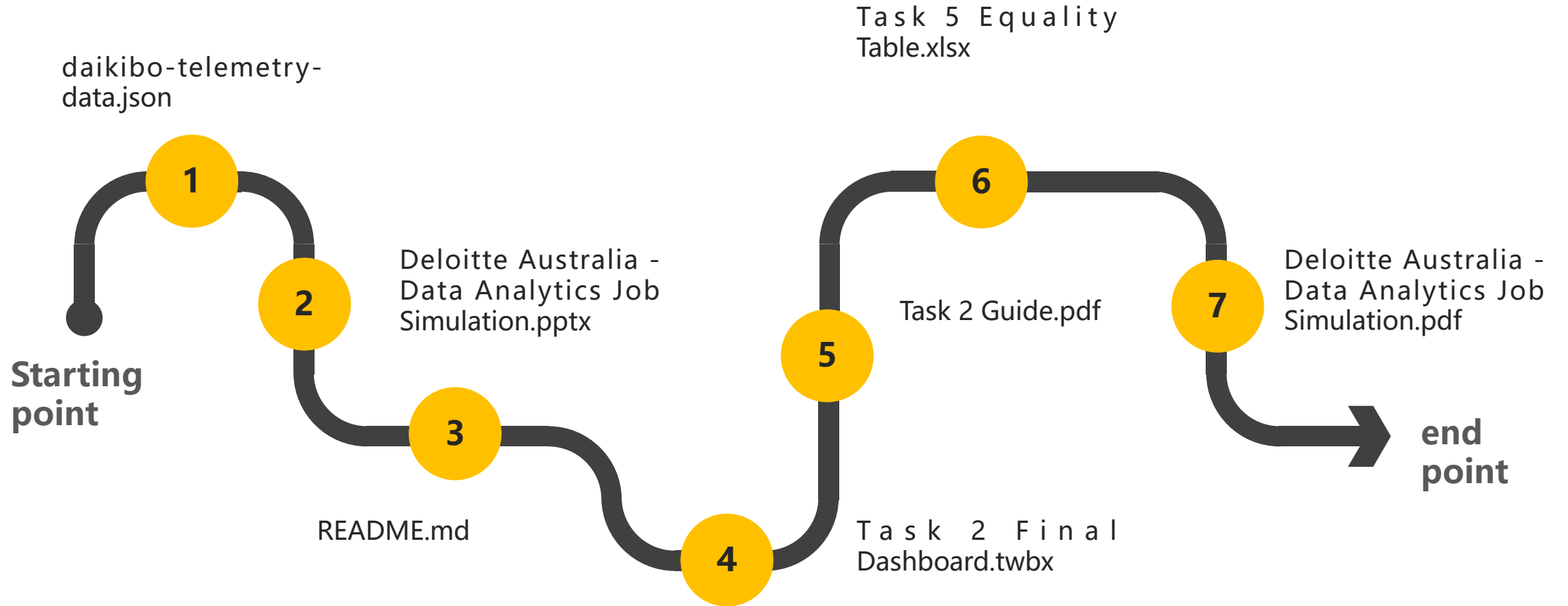
- Improved business thinking
- Strong foundation for data roles

Certificate & Career Value

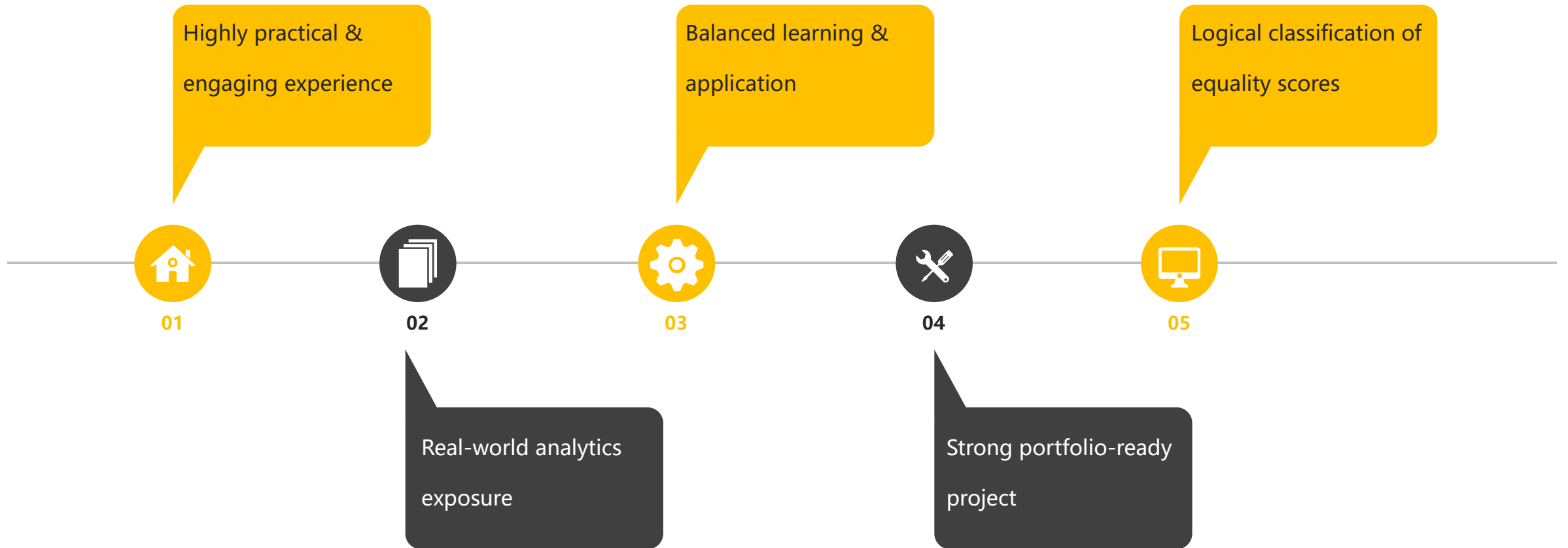


- Added to LinkedIn profile
- Strengthens resume credibility
- Helps explain projects in interviews
- Shows initiative & motivation

Repository Structure (GitHub)



Conclusion



Contact Me



[LinkedIn](#)



[GitHub](#)



[Website](#)

Thank You!



Thank you for your attention!
For feedback, improvements, or project
collaboration:



Every great presentation is complete with a great
audience and that's you