



# Data Visualization Academy

Strategic & Analytics  
March 2023



# Agenda

1

## Team Introduction

- Data visualization team presentation.

2

## Learning Path

- Learning and development path.

3

## Project description

- Project explanation and data sets

4

## Project teams

- How trainees are going to work in the project

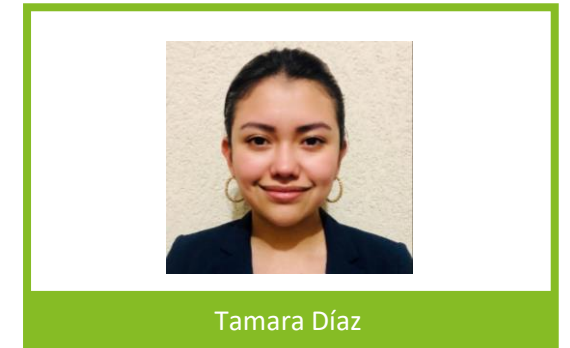
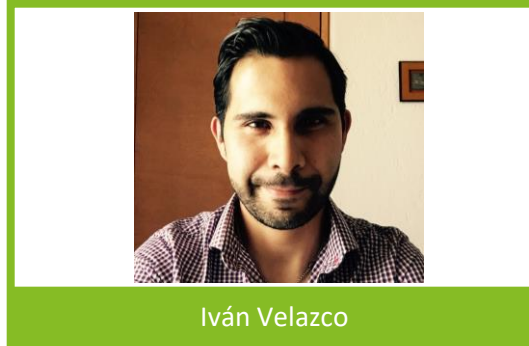
5

## Evidence & Progress

- How are you going to report progress?

# Team Introduction

ARDC Data Visualization Academy



# Learning Path & Resources

## Plan

Name	Duration (hours)	Team	March												April				
			T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F
			14	15	18	19	20	21	22	25	26	27	28	29	1	2	3	4	5
Kick off	1	All																	
Data Storytelling and Data Visualization [2021]	6																		
Learn Figma - UI/UX Design Essential Training	3.5																		
Tableau Desktop Specialist Certification Exam Prep 2024	7	Tableau																	
Tableau Prep for Business Intelligence	6																		
Microsoft Power BI Certification: DA-100   PL-300 Exam Prep	9	PBI																	
PowerBI Zero to Hero	3																		
Data Viz workshops (30 min workshops)	3	All																	
Dashboard final presentation	1.5																		
Present certification (PBI or Tableau accordingly)	3																		

## Resources

Name	Platform	Duration (Hours)	Link
Data Storytelling and Data Visualization [2021]	Udemy	6	<a href="https://deloittedevelopment.udemy.com/course/mastering-the-art-of-data-visualization-2020/">https://deloittedevelopment.udemy.com/course/mastering-the-art-of-data-visualization-2020/</a>
Tableau Desktop Specialist Certification Exam Prep 2024	Udemy	7	<a href="https://deloittedevelopment.udemy.com/course/tableau-desktop-specialist/">https://deloittedevelopment.udemy.com/course/tableau-desktop-specialist/</a>
Tableau Prep for Business Intelligence	Udemy	6	<a href="https://deloittedevelopment.udemy.com/course/tableau-prep-for-business-intelligence/">https://deloittedevelopment.udemy.com/course/tableau-prep-for-business-intelligence/</a>
Microsoft Power BI Certification: DA-100   PL-300 Exam Prep	Udemy	9	<a href="https://deloittedevelopment.udemy.com/course/microsoft-power-bi-certification-da-100-exam-prep/">https://deloittedevelopment.udemy.com/course/microsoft-power-bi-certification-da-100-exam-prep/</a>
PowerBI Zero to Hero	Udemy	3	<a href="https://deloittedevelopment.udemy.com/course/powerbi-hero/">https://deloittedevelopment.udemy.com/course/powerbi-hero/</a>

## Certifications

Tableau Desktop Specialist

PBI | DA-100

# Project: Global Cost of Living + Salary

## Goal and Requirements:

United Bank is planning to open business in US, United Kingdom, Italy, Brazil, and India. One of the products they want to push in the market is “saving accounts and investment portfolio service”, based on this, they want to know how to prioritize markets, so they want to know how much money, on average, is available for users at the end of their expenses. This could provide a better insight into the market potential.

United Bank decided to hire you as consultants to provide these insights, and also, United Bank wants you to provide a strategy from which country they need to begin and why.

Finally, United Bank is looking for a dashboard that, at least, cover the following requirements:

- **Req 1:** The dashboard must allow the user to see the breakdown (expenses) of the cost of living by country and city.
- **Req 2:** The solution must allow United Bank to compare the cost of living between cities/countries
- **Req 3:** A metric must be defined to rate the cost of living through all cities/countries. This metric should be the key to knowing if a city/country is cheaper or more expensive. This metric should consider all expenses
- **Req 4:** Global Salary Data should be added to the data set. This data must allow United Bank to understand how the **average salary by country** impacts the potential savings of the citizens.
- **Req 5:** Allow United Bank to input salary data, at city level, to simulate how different salaries could impact in citizen savings.

Global Cost of Living

Global Salary Data

# Trainees & Teams

## Data Visualization Academy

Trainee Name	Tool assigned	Team
Daniela Garduño Horneffer	Tableau	1
Noe Jaimes Avila	Tableau	
Luis <b>David</b> Cardenas Cisneros	Tableau	2
Alejandro Tamayo Cervantes	Tableau	
Gerardo Peña Perez	Tableau	3
Alberto Solis Rodriguez	Tableau	
Leonardo Alvarado Menendez	Tableau	4
<b>Kevin</b> Joan Delgado Perez	Tableau	
Mariana Castellanos Montero	Power BI	5
Maria <b>Paula</b> Gutierrez Silva	Power BI	
Morales Santamaria <b>Paola</b> Jacqueline	Power BI	6
<b>Luisa</b> Elena Gutierrez Prieto	Power BI	
Omar Guerrero Oropeza	Power BI	7
Fernando Palazuelos Lagarde	Power BI	

# What do we expect?

## Data Visualization Academy

01

### **Time availability**

Working hours:  
9am-6pm.  
Stay available on Teams  
everyday

03

### **Dashboard development**

You must develop a  
dashboard and present it to  
the experts

02

### **Accomplish trainings**

You must accomplish  
trainings on time.  
Consider dates of the  
learning path.

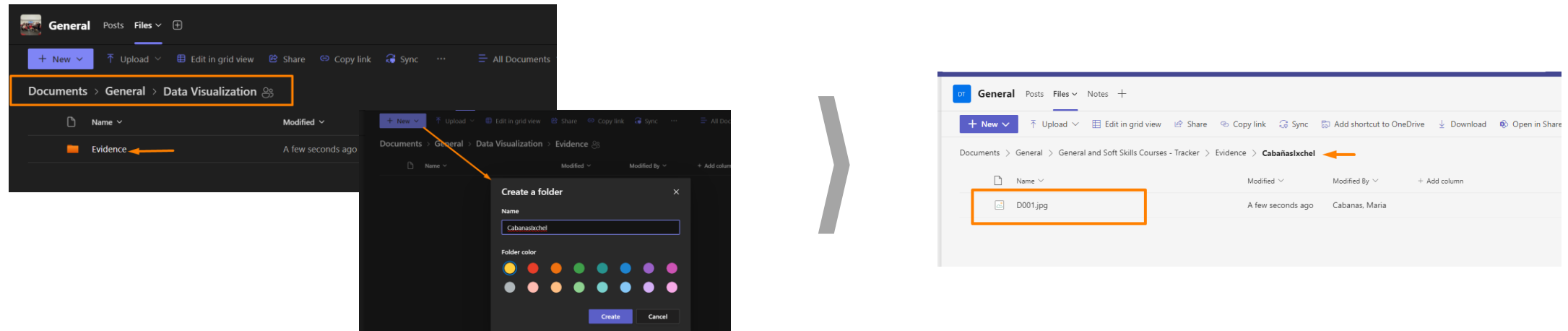
04

### **Participation in workshops**

You must actively  
participate in the project  
workshops.

# ADMX | D.Trainees | Evidence & Progress

- Create a folder with your name in the Evidence section ([Evidence](#)).
- Upload the course evidence (Screenshot or certificate) in the folder and rename it accordingly.



- Fill the Progress daily [7th Generation Academy - Learning Report \(Data Vis\)](#)

Group	Trainee Name	Data Storytelling and Data Visualization [2021]	Learn Figma - UI/UX Design Essential Training	Tableau Data Analyst/Specialist Desktop Certification	Tableau Prep for Business Intelligence	Exercise 1 for Tableau	Tableau Certification	Total
G1	Daniela Garduño Horneffer	0%	0%	0%	0%	0%	0%	0%
G1	Noe Jaimes Avila	0%	0%	0%	0%	0%	0%	0%
	Luis David Cardenas Cisneros	0%	0%	0%	0%	0%	0%	0%
	Alejandro Tamayo Cervantes	0%	0%	0%	0%	0%	0%	0%
	Gerardo Peña Perez	0%	0%	0%	0%	0%	0%	0%
G1	Alberto Solis Rodriguez	0%	0%	0%	0%	0%	0%	0%
G1	Leonardo Alvarado Menendez	0%	0%	0%	0%	0%	0%	0%
G1	Kevin Joan Delgado Perez	0%	0%	0%	0%	0%	0%	0%

Group	Trainee Name	Data Storytelling and Data Visualization [2021]	Learn Figma - UI/UX Design Essential Training	Microsoft Power BI - A Complete Introduction [2021 EDITION]	Microsoft Power BI Certification: DA-100 Exam Prep	Exercise 2 for Power BI	PBI Certification	Total
G2	Mariana Castellanos Montero	0%	0%	0%	0%	0%	0%	0%
G2	Maria Paula Gutierrez Silva	0%	0%	0%	0%	0%	0%	0%
G2	Fernando Palazuelos Lagarde	0%	0%	0%	0%	0%	0%	0%
G2	Luisa Elena Gutierrez Prieto	0%	0%	0%	0%	0%	0%	0%
G2	Omar Guerrero Oropeza	0%	0%	0%	0%	0%	0%	0%
G2	Morales Santamaria Paola Jacq	0%	0%	0%	0%	0%	0%	0%





# Congratulations to the New Hires!



Daniela Garduño Horneffer  
Analyst



Noe Jaimes Avila  
Analyst