

# Business Builders

## A Resilient Future

Live Session Webinar

November 12<sup>th</sup>, 2024

ERPsimLab  
HEC MONTRÉAL

Business Builders

Serious games to learn enterprise  
systems and business analytics

# Agenda

■ Introduction

■ Supply Chain Resilience Scenario

■ FAQ and Final Words

# Business Builders

provides the solution to solve real-world business challenges



SAP and ERPsim Lab Collaboration



Enhanced visualization and data storytelling skills



Scenarios driven by data, which replicate real-world business challenges



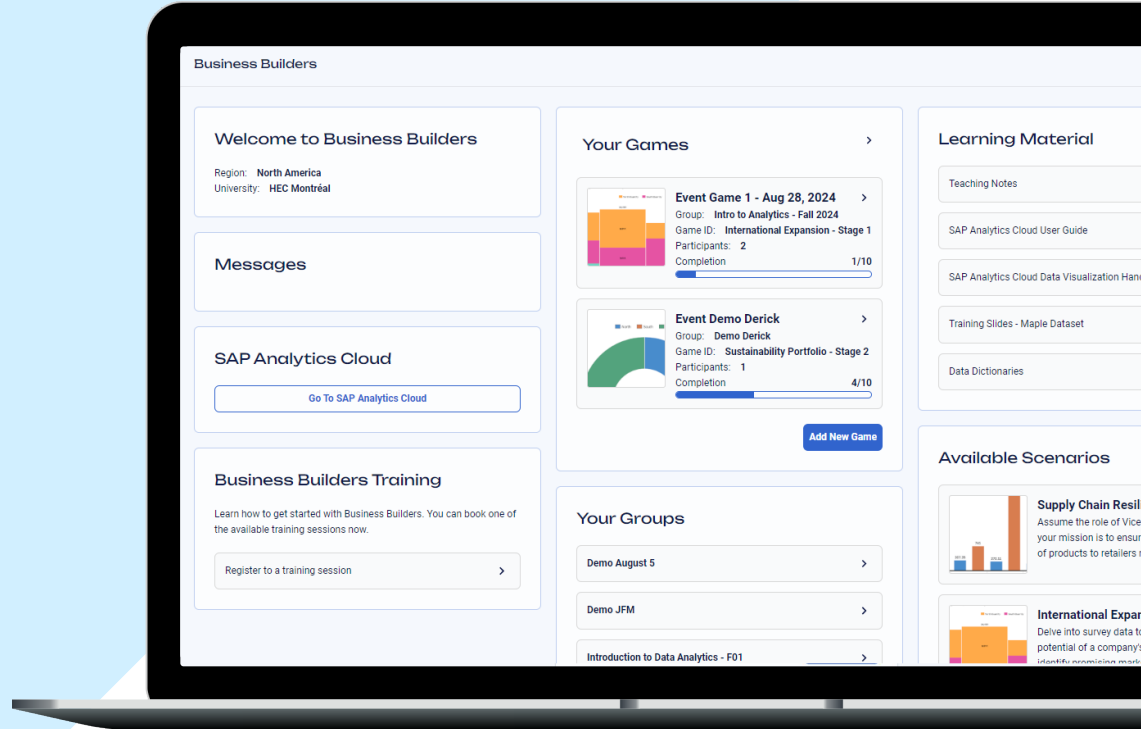
Easy to learn and adopt in your classroom



Gamification & competitive elements



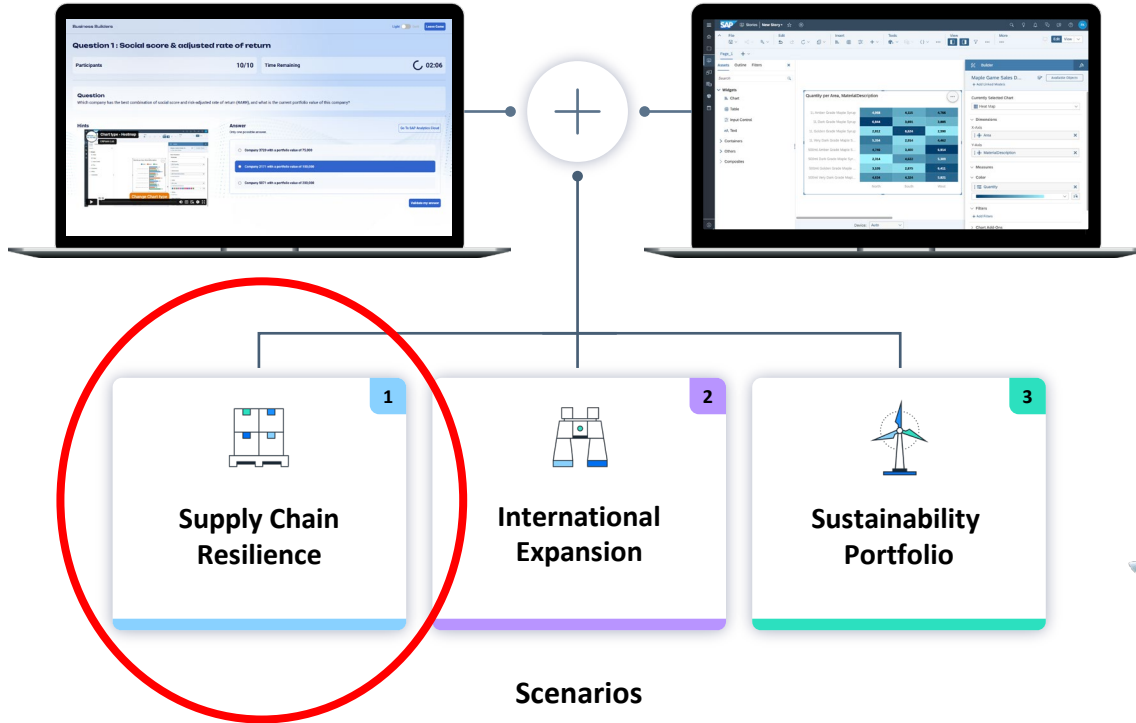
Free, cloud-based offering for educators and students around the world



# Business Builders Overview

## Gaming Platform

## SAP Analytics Cloud



# Discover 3 Game Scenarios

- Choose the scenario that suits you best for teaching:

## Supply Chain Resilience

A toy company is seeking to enhance its supply chain resilience to better mitigate risks and improve reactivity when responding to crises.

## International Expansion

A German-based Muesli cereal company wants to expand their business internationally.

## Sustainability Portfolio

A financial institution is reassessing its investment strategies to align with a new policy requiring the consideration of the ESG performance when investing in companies.

## Overall learning objectives:

- Create Effective Data Visualizations
- Acquire Technical Data Visualization Skills
- Acquire Critical Thinking and Problem-Solving Skills

## Scenario Structure:

- Several stages to the storyline
- Each stage has 10 business questions
- Increasing difficulty

# Supply Chain Resilience



# Supply Chain Resilience Scenario

Toy company who manufactures their products from various suppliers across Asia and delivering them to the market in the United States.

Your students will take on the role of a Supply Chain Analyst:

- Review the current supply chain data
- Identify potential disruptions to reduce negative impacts
- Formulate recommendations for contingency plans to improve the supply chain resilience to minimize risks



# 3 Stages of Supply Chain Resilience

## Stage 1

**The company experienced high toy demand but encountered shipment challenges due to environmental conditions.**

- Analyze historical shipment data to gain insights into the supply chain structure
- Identify logistical challenges and potential risks to the supply chain

## Stage 2

**The company faces a critical situation in one of the canal used for their shipments.**

- Assess the impacts of the supply chain disruption
- Recommend response measures to mitigate the impacts of the supply chain disruption

## Stage 3

**The company recognized the necessity of implementing a more resilient supply chain strategy to mitigate risks from climate change and geopolitical tensions effectively.**

- Analyze potential suppliers to redirect shipments
- Recommend new suppliers and transporters to improve the supply chain resilience



# Datasets of Supply Chain Resilience

For this scenario, you will have access to 5 datasets:

## Query 1 – Past Shipments

Complete historic data of 3,688 past shipments between January 1, 2019, and August 31, 2023

Stage 1

## Query 2 – Ongoing Shipments

List of all ongoing shipments yet to be loaded on a ship.  
  
Includes 144 shipments from September 1, 2023, to the December 31, 2023

Stage 2

## Query 3 – Route Inquiries Sept-Oct 2023

List of possible maritime delivery routes between Asia and the United States, and land transit routes toward the distribution center of Pittsburgh

Stage 2

## Query 4 – New Vendor and Transporter Inquiries

Combination of 29 new suppliers offers and 35 new transporters availability

Stage 3

## Query 5 – Route Inquiries Sept-Oct 2024

List of possible maritime delivery routes between the new suppliers and the United States, and land transit routes toward the distribution center of Pittsburgh

Stage 3

# Learning Journey and FAQ

# Business Builders Learning Journey

## Foundations

### Resources

- Get Started: How to Video
  - Teaching Notes
- Training/Demo Sessions

## Skill Building

### SAC Training using Maple Game Exercise

- Exercise Slides
- Tutorial Videos

### Scenario-Based Learning

- Scenarios Specific Slides
  - Questions/Solutions

### Webinars

- Showcase Business Builders scenarios
- Community Engagement

## Active Teaching

### Setup

- Create groups, and events

### Preparation

- Ensure student connections and account creation

### Event Initiation

- Start the game and wait for student participation

### Question Loop

- Activate questions, collect answers, show solutions, and display rankings

### Completion

- Show final rankings

## Feedback Loop

### Question-Specific Feedback

- Gather detailed feedback on each question to refine and improve future iterations

# Where to find the resources?

Business Builders

EN P1

### Welcome to Business Builders

Region: North America  
University: HEC Montréal

### Messages

### SAP Analytics Cloud

[Go To SAP Analytics Cloud](#)

### Business Builders Training

Learn how to get started with Business Builders. You can book one of the available training sessions now.

[Register to a training session](#)

### Your Games

**Event Test Maple Test**

Group: Prof Training Test  
Game ID: Maple Demo  
Participants: 1  
Completion: 5/5

[Add New Game](#)

### Your Groups

[Training Group](#)

[Intro data analytics - F01](#)

[Training Group 2](#)

[Prof Training Test](#)

[Add New Group](#)

### Learning Material

[Get Started: How to Use Business Builders](#)

[Teaching Notes](#)

[SAP Analytics Cloud User Guide](#)

[SAP Analytics Cloud Data Visualization Handbook](#)

[Training Slides - Maple Dataset](#)

[Data Dictionaries](#)

### Available Scenarios

**Supply Chain Resilience**

Assume the role of Vice President where your mission is to ensure the timely delivery of products to retailers nationwide.

**International Expansion**

Delve into survey data to evaluate the potential of a company's flagship product to identify promising markets for a new product variant.

**Sustainability Portfolio**

You must evaluate some investment portfolio in order to find discrepancies between the companies composing the portfolio and the portfolio ESG vision and requirements.

Materials for Teachers

Materials for Teachers & Students

Scenario Specific Slides including Questions/Answers

Schedule a training session

# Frequently Asked Questions

## Business Builders

How long the registration lasts for Educators and Students?

Is there a limit to the number of students per group?

How often are the scenarios refreshed?

Is it possible to play the game asynchronously?

How long it takes to play one stage of a game? Can a game be stopped and resumed?

## SAP Analytics Cloud (SAC)

How long the registration lasts for Educators and Students?

Is it possible to access other datasets or create (live data) connections?

Which browsers are supported?

Are the datasets downloadable? Can I upload my own data?

# Frequently Asked Questions

## Educator Journey

How long it takes to learn Business Builders and SAP Analytics Cloud?

Is training provided?

Can I add my own questions to the platform?

Do you I need to play all the stages?

Can I skip stage 1 or 2 and play only stage 3?

## Students Journey

What are the prerequisites to start playing a game scenario?

Can students play a game multiple times?

How to report the activity and results?

# Announcements



# Business Builders Webinar Series



## Unlocking Growth

Recording available

Tuesday, **October 8**, 2024 - 1PM ET



## A Resilient Future

Online event

Tuesday, **November 12**, 2024 - 1PM ET



## Sustainable Investments

Online event

Tuesday, **December 10**, 2024 - 1PM ET

# ICIS 2024 – Bangkok, Thailand

## December 15-18, 2024

**ERPsim Ancillary Workshop:** Sunday Morning (Dec 15)

**Business Builders Workshop:** Sunday Afternoon (Dec 15)

**Meet us at ERPsim Lab booth!** (Dec 16-17)

**Join us at SAP Thailand Office!** (Dec 18 Afternoon)

# Q & A

Business Builders

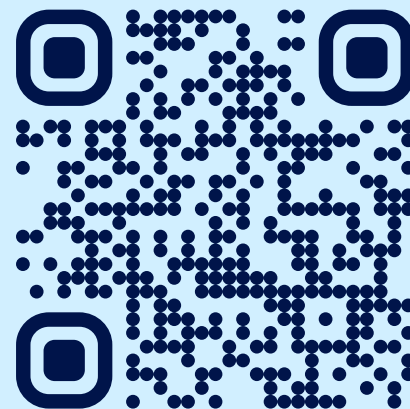
# Thank you!

## Get engaged and bring it to your classroom!

- ✓ Free of charge
- ✓ No membership needed
- ✓ No programming or  
experience required



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Scan the QR code  
and start your game  
today!

[businessbuilders.games](https://businessbuilders.games)  
[businessbuilders@hec.ca](mailto:businessbuilders@hec.ca)