

Business Builders

Sustainable Investments

Live Session Webinar

December 10th, 2024

ERPsimLab
HEC MONTRÉAL

Business Builders

Serious games to learn enterprise
systems and business analytics

Agenda

- Introduction
- Sustainable Investments Scenario
- FAQ and Final Words

Business Builders

provides the solution to solve real-world business challenges

SAP

HEC MONTRÉAL



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



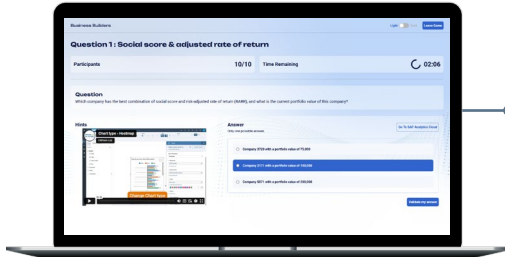
Free, cloud-based offering for educators and students around the world

The screenshot displays the Business Builders web application interface. The main content area is titled "Business Builders" and is divided into several sections:

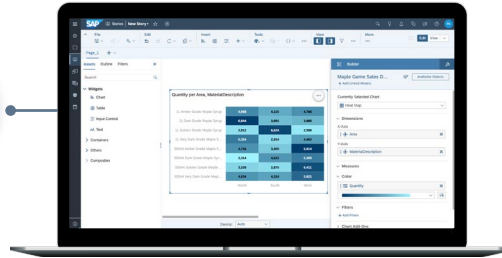
- Welcome to Business Builders:** Displays the user's region as "North America" and university as "HEC Montréal".
- Messages:** A section for receiving updates or announcements.
- SAP Analytics Cloud:** Includes a button labeled "Go To SAP Analytics Cloud".
- Business Builders Training:** Provides information on getting started and includes a "Register to a training session" button.
- Your Games:** Lists active games with progress bars. Two games are shown:
 - Event Game 1 - Aug 28, 2024:** Group: Intro to Analytics - Fall 2024, Game ID: International Expansion - Stage 1, 2 participants, 1/10 completion.
 - Event Demo Derick:** Group: Demo Derick, Game ID: Sustainability Portfolio - Stage 2, 1 participant, 4/10 completion.A blue "Add New Game" button is located below this section.
- Your Groups:** Lists groups such as "Demo August 5", "Demo JFM", and "Introduction to Data Analytics - F01".
- Learning Material:** Lists resources like "Teaching Notes", "SAP Analytics Cloud User Guide", "SAP Analytics Cloud Data Visualization Handbook", "Training Slides - Maple Dataset", and "Data Dictionaries".
- Available Scenarios:** Features two scenario cards:
 - Supply Chain Resilience:** "Assume the role of Vice President of Operations. Your mission is to ensure the timely delivery of products to retailers." Includes a bar chart.
 - International Expansion:** "Delve into survey data to assess the market potential of a company's products in a new market." Includes a bar chart.

Business Builders Overview

Gaming Platform



SAP Analytics Cloud



1

Supply Chain Resilience

2

International Expansion

3

Sustainability Portfolio

Scenarios



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

Sustainability Portfolio

Sustainability Portfolio Scenario

Financial institution that offers and manages investment portfolios is adopting new ESG policies.

New Investment Policy:

- We need to consider the ESG score of companies we invest in
- If a company does not match our criteria, we will remove it from our portfolios

The new ESG policies are based on the S&P Global Corporate Sustainability Assessment (CSA) framework.

Why use this framework?

- CSA is used for over 10 000 companies globally.
- Comprehensive and detailed evaluation, industry-specific criteria, integration with financial metrics, market recognition, continuous improvement and alignments with global standards.



Student Role – Financial Analyst

■ Your students will take on the role of a Financial Analyst :

- Review investment portfolios
- Make recommendations about whether the companies align with the firm's new ESG-focused investment criteria.

■ Learning objectives for your students in this scenario:

- Identify and navigate through different levels of ESG such as level, dimensions, criteria
- Visualize complex queries using the right chart type and additional features
- Differentiate between financial measures such as (RARR) and ProportionalRARR
- Analyze and compare companies within investment portfolios
- Assess complete investment portfolios

3 Stages of Sustainability Portfolio

Stage 1

The financial institution needs to review their existing investment portfolio to align to the new ESG policies.

- Explore an investment portfolio and understand its new ESG requirements
- Analyze the companies in the portfolio and identify those that are ineligible

Stage 2

The financial institution wants to create a new ESG investment portfolio for their clients.

- Assess all 6,254 companies from different countries and different industries to discover trends
- Identify and recommend the best new ESG portfolio opportunity

Stage 3

The financial institution needs to review a complete portfolio evaluation project.

- Study the new ESG requirements and transactions history of a specific portfolio
- Analyze the companies in the portfolio and identify those that are non-compliant
- Review all 6,254 companies evaluated and propose the next best investment decision

Datasets of ESG Investments

For this scenario, you will have access to 4 datasets:

Query 1 – Investment Portfolio 02 Summary Data

Contains an investment portfolio and data on 11 different companies

Stage 1

Query 2 – Company ESG Evaluation 2023

A comprehensive dataset of 6,254 public companies' ESG evaluation

Stage 2 and 3

Query 3 – Investment Portfolio Requirements

A list of investment portfolios and their ESG requirements

Stage 3

Query 4 – Investment Portfolio History

A history of all transactions in the different investment portfolios

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

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)

2025 User Group Meeting

Save the Date

August 11-13, 2025

At HEC Hélène-Desmarais (downtown) campus
Montréal, Canada

Note that AMCIS 2025 will also happen in Montréal
on August 14-16, 2025!

Q & A

Business Builders

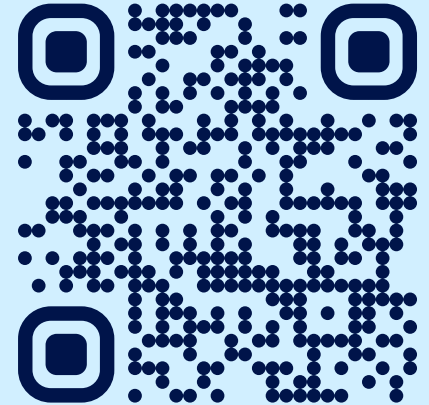
Thank you!

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
businessbuilders@hec.ca