

# SAP Signavio

Unleash the power of process –  
faster than ever!



## Quick Guide for Faculties & Students

SAP University Alliances



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Why is it important?

How to try it? –  
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Suite, academic edition

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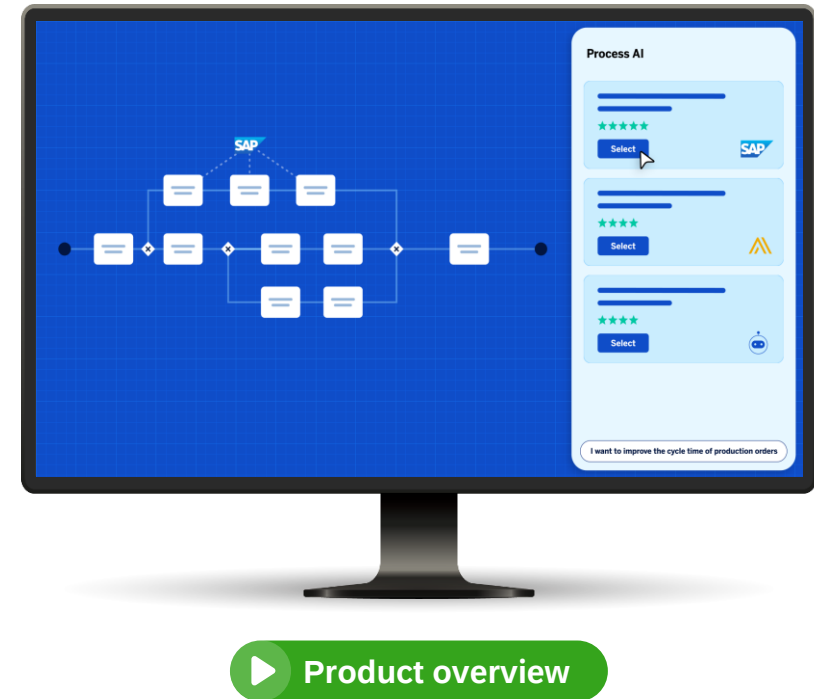


# SAP Signavio

is a cloud-based business process management (BPM) platform that gives users the ability to understand, improve and transform all of their business processes – fast and at scale.

## Main benefits of SAP Signavio

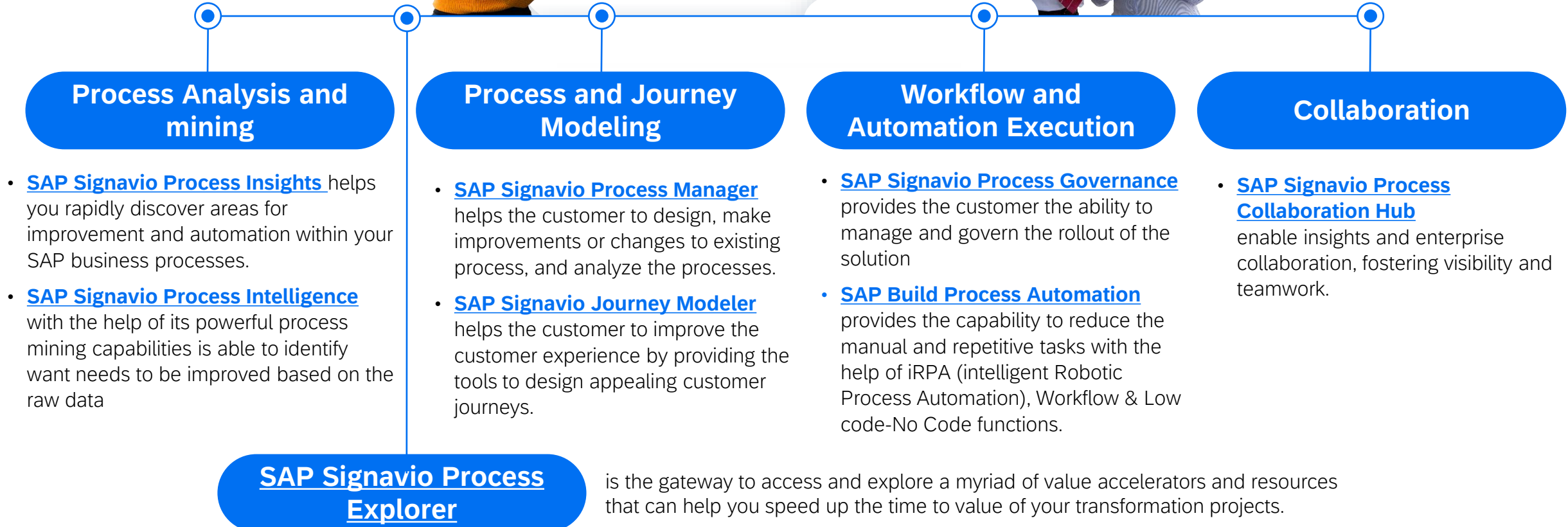
- ✓ Intuitive process and decision modeling for all
- ✓ Processes and decisions available in a single platform
- ✓ Making business process management accessible to everyone within an organization
- ✓ Process analysis through mining and simulation
- ✓ Collaboration and agreement on processes and decisions
- ✓ Getting everybody on the same page to increase productivity



The **SAP Signavio portfolio** offers a powerful, integrated platform that helps you quickly realign your organization and bring changes to life at an accelerated rate. It supports the core of the business: the processes that you carry out every day.

# What can I do with SAP Signavio?

## SAP Signavio Process Transformation Suite



# Why use SAP Signavio?

Depending on the size of an organization, and indeed the complexity of the BPM initiative being carried out, teams will most likely feature all or a combination of the following **7 common roles** needed for successful BPM.

You will undoubtedly find that job titles and definitions vary from organization to organization; however, regardless of titles, a genuinely successful BPM program will be carried out by a well-rounded team that features all of BPM's skills.



## SAP skills are in demand:

87% of total global commerce is generated by SAP customers

87



### Business Process Director

responsible for overseeing an organization's entire process improvement program



### Business Process Consultant

provides technical know-how to supplement the Director's management skills



### Business Analyst

responsible for identifying and suggesting improvements to existing processes



### Project Manager

ensures that work is delivered in a timely and effective manner



### Business Process Architect

strong in one of the core competencies of BPM, usually focuses their energy on a single piece of the overall initiative



### Business Process Champion

the voice of continual improvement within an organization, ensuring that decisions are made with the future of the program in mind



### Solution Architect

provides technical support and offers a balance to the communications-oriented Process Champions



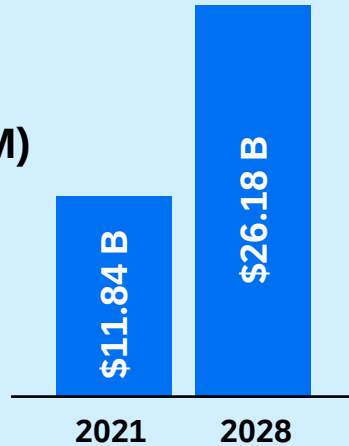
# Why SAP Signavio?

[Fortune Business Insights](#)

## projected global business process management (BPM) market growth:

between 2021 and 2028

High demand for talents skilled in process management is expected



## Latest Trends by [Fortune Business Insights](#):

- Increasing adoption of cloud-based business application
- Increasing focus on adoption AI-based BPM solutions

**SAP Signavio** is at the forefront of these trends offering a cloud-based business application for enterprise business process management that incorporates AI-based features.

## SAP Signavio recognized as a Leader in Process Mining 2023

[Gartner Magic Quadrant™ for Process Mining Tools](#)

It assumed, that “by 2025, 80% of organizations driven by the expectations of cost reduction and automation-derived enhanced process efficiency will embed process mining capabilities in at least 10% of their business operations”.

- ✓ All-in-one platform that covers the entire process management journey
- ✓ Collaborative learning environment
- ✓ Fully cloud-based and no software installation is required — ideal for remote learning and collaboration
- ✓ Globally available and accessible tool for students worldwide
- ✓ Offers certification that is proof of proficiency in business process management and SAP technologies
- ✓ Learning content provides an introduction to a range of capabilities within SAP Signavio
- ✓ Intuitive and easy-to-use interface
- ✓ Support for multiple modeling languages
- ✓ Lecturers can invite students by e-mail



# How to try SAP Signavio?

## SAP Signavio Process Transformation Suite, Academic Edition

The academic edition of SAP Signavio Process Transformation Suite includes SAP Signavio Process Manager and offers numerous capabilities for process model creation, modeling, version control, and simulation.

### The academic edition of the suite currently includes\*:

- Graphical Editor
- QuickModel
- Diagram comparison
- Simulation capabilities
- Limited SAP Signavio Process Collaboration Hub functionality

[Click here to learn more](#)

✓ **Free**

✓ **No installation required**

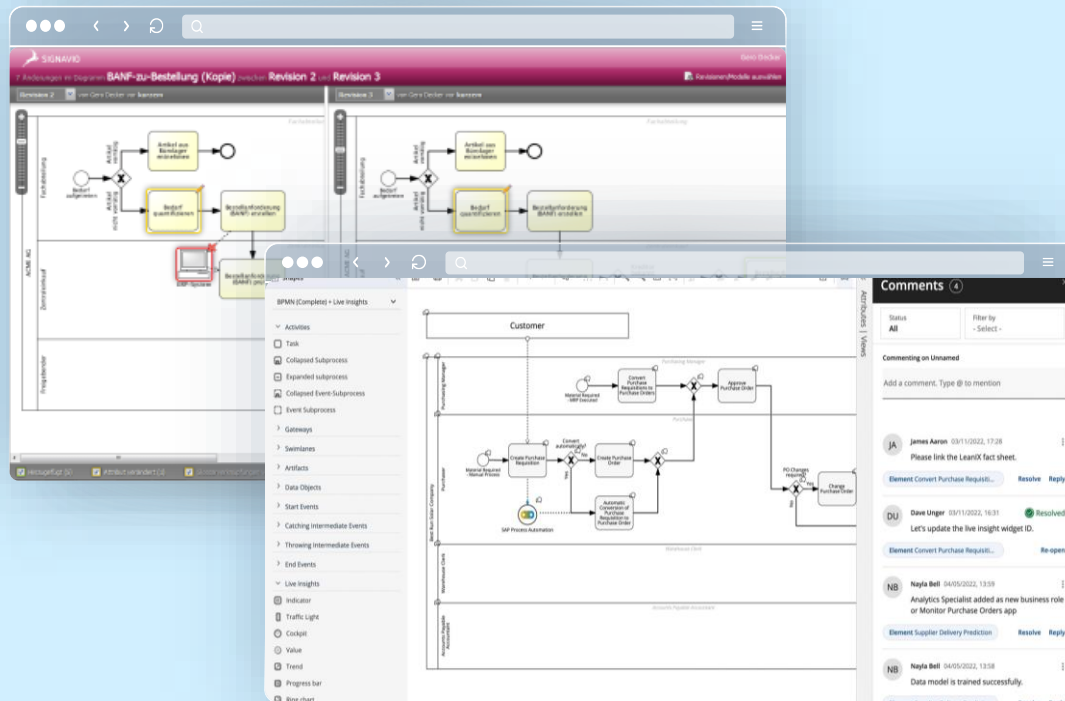
To register you need to be part of an academic institution (universities, colleges, vocational school and secondary schools)

[Register here](#)

\*Additional functionalities planned for the future



# What can I do with SAP Signavio Process Transformation Suite, academic edition?



Create process models more simply, add new activities, edit, and review your models in the **graphical editor**.

Build your own **business process model and notation (BPMN) diagram** to visualize your processes and specify who's responsible for certain tasks by including swim lanes.

**Simulate processes for alternative business scenarios** - kick-start process simulation by setting and monitoring case scenarios, and dive into tasks most relevant to you

Visualize your workflow as a **Petri net** that is a powerful formal model for describing the behavior of concurrent systems and is often used as a formal foundation for verifying the control flow of process models

Use **the dictionary** to help ensure a central and consistent management of recurring process information. Save modeling elements in the dictionary to reuse them in future processes.



## Customer story

# How Can a Focus on Processes and Users Help Teams Contribute to a Vital ERP Transformation?

“SAP S/4HANA and SAP Signavio solutions create transparency across operational processes and systems, as well as their synergies. The solutions have shown that there is plenty of optimization potential not just in individual areas but also across departments.”

**Alexander Neumaier**, Project Manager BPM,  
Hochland SE

[Click here to learn more](#)

## Goal:

To standardize operations and respond nimbly to changing conditions, Hochland wanted to deploy a new intelligent infrastructure for ERP.

## Before: Challenges and Opportunities

- Changing customer requirements and different needs of local markets and production sites
- Ambitious goals: sustainability, growth, efficiency, digitalization, and attractiveness as an employer
- No centralized governance system to harmonize business processes
- Growing imperative to replace a legacy ERP system with SAP S/4HANA®

SAP Signavio

## After: Value-Driven Results

- Enabled process visualization that allows a fact-based conversion on the gradually evolving maturity of
- procure-to-pay processes and encourages faster business-user buy-in
- Increased cash forecasting accuracy after reducing invoices received without purchase orders
- Increased visibility into warehouse stock levels, material aging, and sales and delivery performance
- Gained a more accurate view of reorder points, improving cash-flow position

## Why SAP?

SAP Signavio solutions, which create transparency across operational processes and systems by providing insight into how SAP S/4HANA impacts the business

## Better

Decision-making made possible through clear and actionable data insights

## Improved

Customer excellence with an enhanced understanding of critical customer processes



## Hochland SE

Heimenkirch, Germany  
[www.hochland-group.com](http://www.hochland-group.com)

**Industry:** Consumer products

## Products and Services

Cheese products including sliced cheeses for sandwiches

**Employees:** 5,500

**Revenue:** €1.63 billion

## Customer story

# Raising Performance in Critical Business Areas by Mining Business Processes and Data

“In the past, improvements to business processes often relied on gut feel and perceptions of individual stakeholders. We had to make a lot of assumptions before deciding on changes. SAP Signavio solutions enable more meaningful discussion on business processes with less ambiguity, because we have the process visualized and backed by system data.”

**Stefan Szupper**, GFGWay Program Director, GFG Alliance Australia

“

[Click here to learn more](#)

## Goal:

to generate real-time information and extract insights into the way the business works to inform decision-making for heightened efficiency and performance

## Before: Challenges and Opportunities

- Decades of evolving processes in eight business units, resulting in a heterogeneous process landscape
- Lack of visibility and transparency in the execution of most process areas, including procure-to-pay and opportunity-to-cash processes

SAP Signavio

## After: Value-Driven Results

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## Why SAP?

SAP Signavio Process Manager and SAP Signavio Process Collaboration Hub solutions to document, model, and simulate business processes and improve collaboration across those processes

**50**

Legacy systems and 8 ERP systems integrated and transitioned to SAP S/4HANA

**>50%**

Customer excellence with an enhanced understanding of critical customer processes



**GFG Alliance Australia**  
Sydney, Australia  
[www.gfgalliance.com](http://www.gfgalliance.com)

**Industry:** Mill products

### Products and Services

Steel, aluminum, energy, and manufacturing products

**Employees:** 8,000

**Revenue:** \$4.2 billion



# Get started with the learning pathway

Business process management including process modelling and process mining

Here's what you will learn				
<b>Learn how to simulate business processes</b> by visually mapping, monitoring, and improving the organization's performance at scale	• Process mining at scale		• Process governance capabilities	
	• Visualize and analyze processes		• Create or optimize automated workflows	
	• Model and design processes		• Process models in real-time	
	• Customer journeys		• Manage users and access rights	
			• Simulate one or multiple-case scenarios	

SAP Signavio  
**Learning Pathway**



Discover	Explore	Academic	Deep Dive	Certification
<ul style="list-style-type: none"><li>• <a href="#">Experience SAP Signavio</a></li><li>• <a href="#">Quick Start Guide</a></li><li>• <a href="#">SAP Signavio demo</a></li></ul>	<ul style="list-style-type: none"><li>• <a href="#">Run Business Processes with SAP Signavio</a></li><li>• <a href="#">Signavio YouTube channel</a></li><li>• <a href="#">Signavio tutorials</a></li><li>• <a href="#">Listen to podcast episode 13</a></li></ul>	<ul style="list-style-type: none"><li>• <a href="#">Signavio Academic and Research Alliances*</a></li><li>• <a href="#">Process Transformation Forum</a></li></ul>	<ul style="list-style-type: none"><li>• <a href="#">Design Business Processes with Signavio</a></li><li>• <a href="#">Configure your SAP Signavio</a></li></ul>	<ul style="list-style-type: none"><li>• <a href="#">SAP Certified Application Associate - SAP Signavio</a></li></ul>

- Online courses ([SAP Learning](#))
- Certification
- Additional resources

- Demo / free trials
- Events

\*These resources are available for SAP University Alliances member institutions. Contact your local University/Academic Competence Center or your country manager to get started with teaching. If you are unsure who that is, please contact our team at [sapnextgen@sap.com](mailto:sapnextgen@sap.com).

*Updated Nov 23*

# Learning resource example – SAP Signavio Business Process Modeling Exercises

## Degree / Field of Study

Bachelor, Master / Business, IT  
(interdisciplinary)

## Learning Method

Business cases and hands-on  
exercises

## Language

English

## Availability

Globally

## Learning Objectives

- Gain practical experience modelling business process with business process management (BPM) platform

## Learning Material

- Exercises and case studies (see section [Business Process Modeling Exercises](#))

## Learning Topics:

1

Exercise 1 – Shipping of Goods

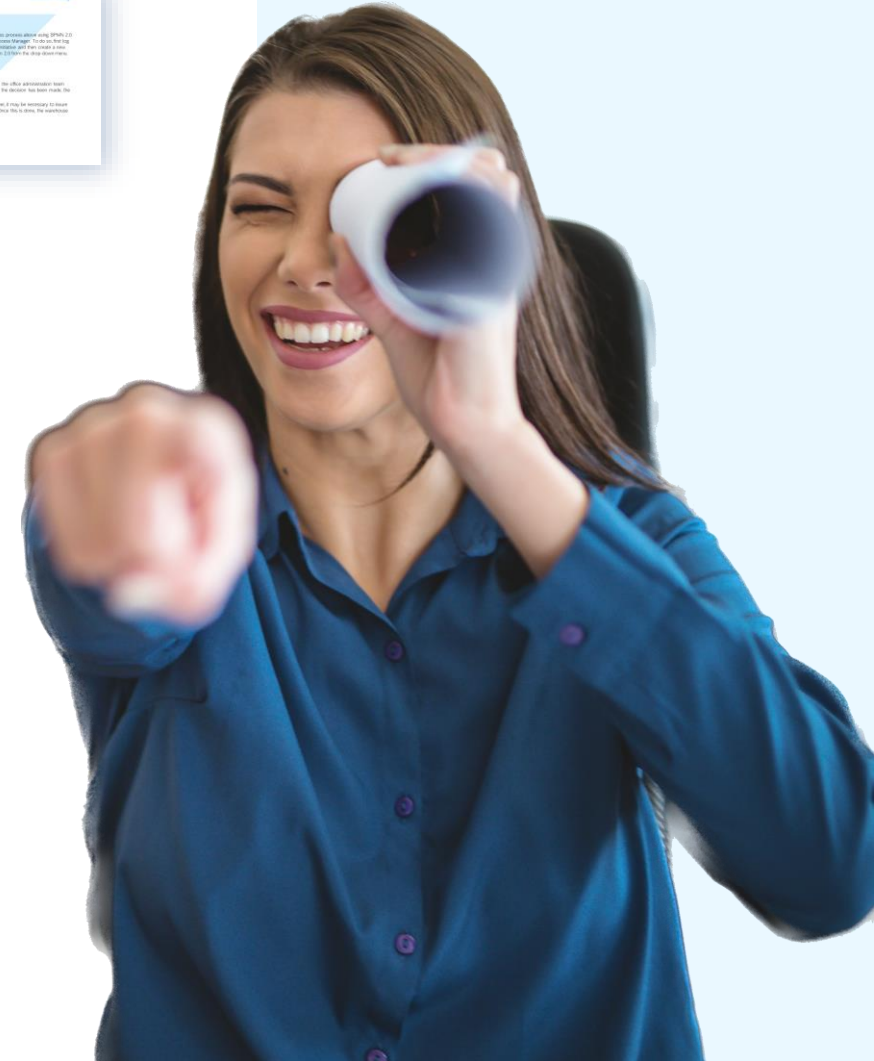
2

Exercise 2 – Reviewing A Doctor

3

Exercise 3 – Bicycle Production

Elevate your teaching with **creating personalized cases** that align seamlessly with your courses, enabling students to delve into the subject. Dive deep into the world of procurement, supply chain optimization, customer journey mapping with SAP Signavio Process Transformation Suite, academic edition as a guiding tool.





# Helpful Resources

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[Explore SAP Signavio](#)

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[Get a brief overview](#)

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[Gain more insights with SAP Signavio documentation](#)

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[Learn more about it on SAP Learning](#)

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[Join the SAP Signavio community](#)

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[Get help on SAP Signavio](#)

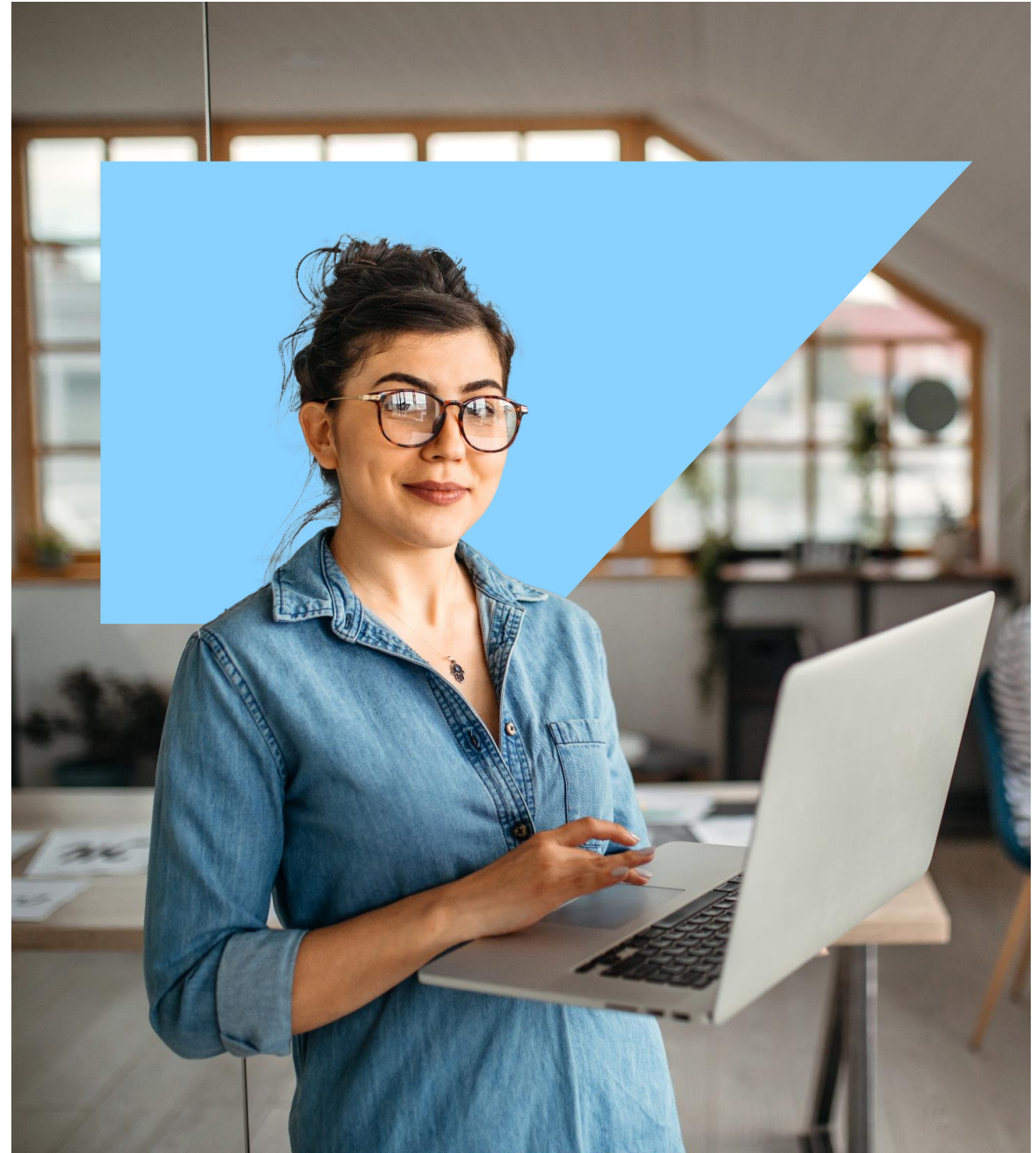
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# Have fun exploring!

**Your SAP University Alliances team**

Email: [sapnextgen@sap.com](mailto:sapnextgen@sap.com)



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# Business Process Modeling Exercises





# Exercise 1 – Shipping of Goods

Level: Easy

## Company Background:

The following process takes place at a small computer hardware retailer that delivers both individual items to end users and large volumes to retailers.

## Process Description:

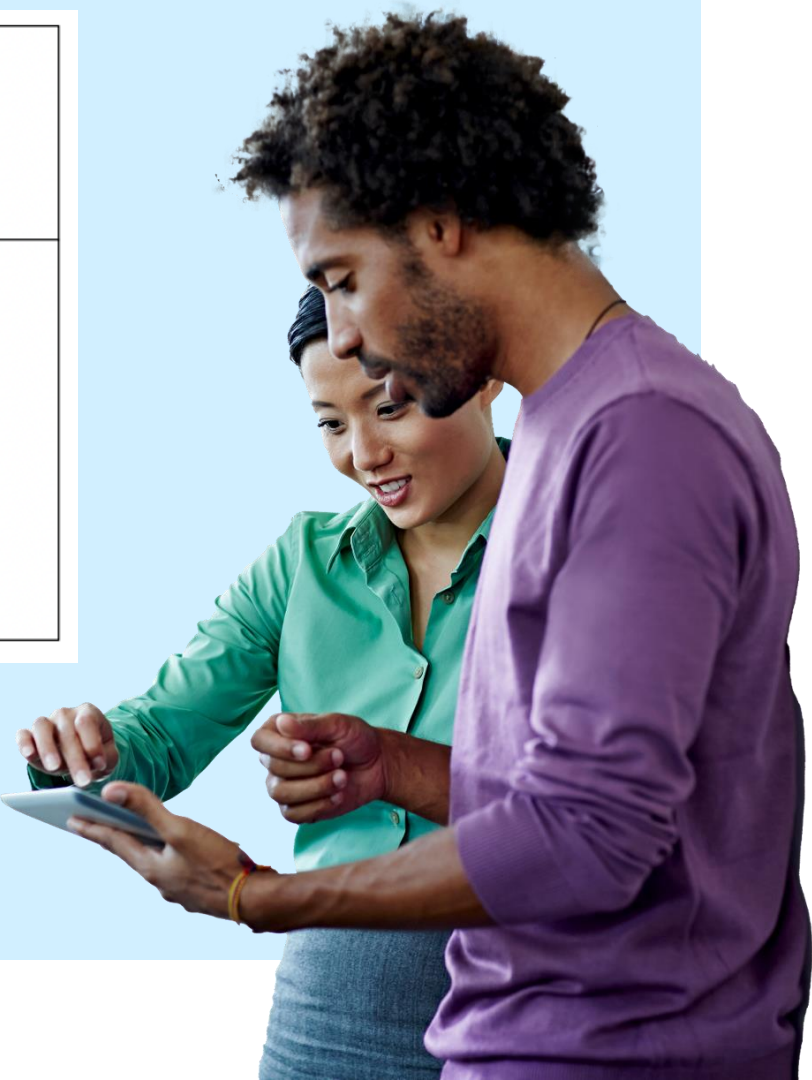
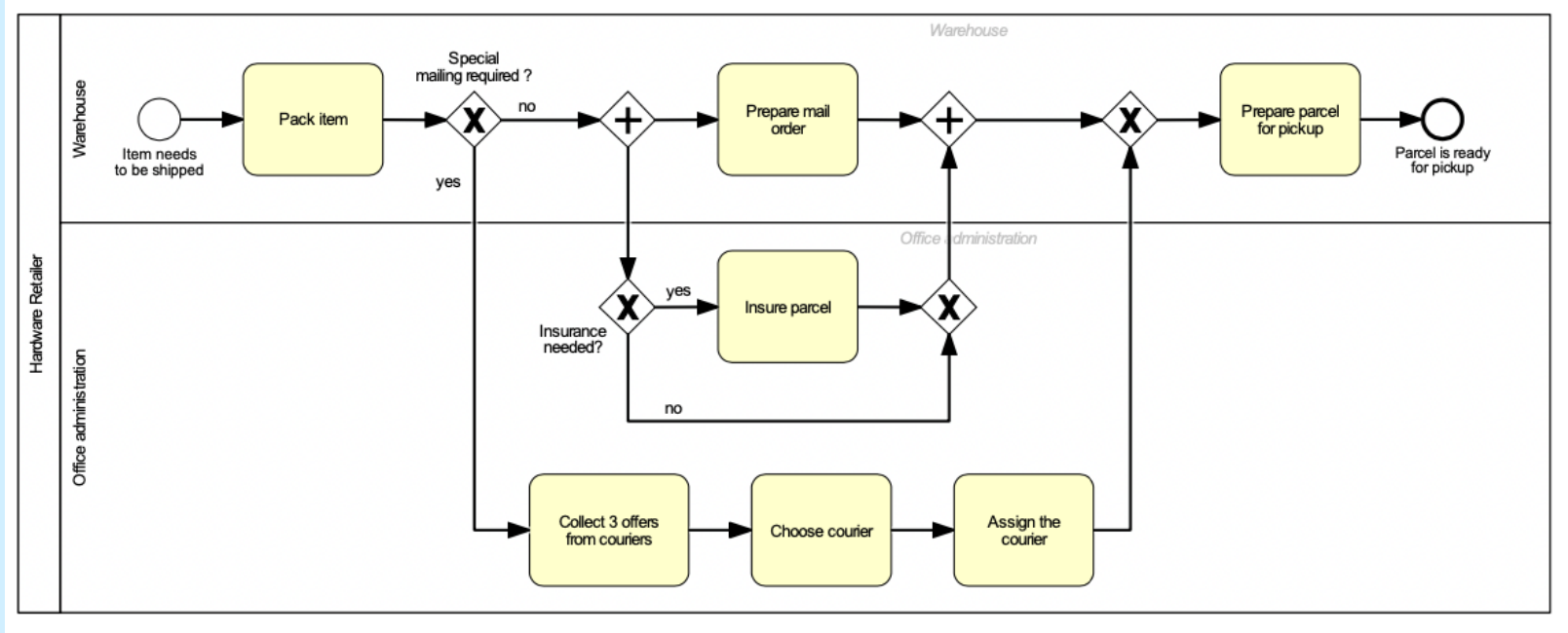
When an item is to be shipped, it is first packaged in the warehouse. If special mailing is required, the office administration team must obtain appropriate offers from three different couriers, and decide between the three. When the decision has been made, the chosen courier is enlisted and the warehouse can provide the item for pickup.

If no special mailing is necessary, the warehouse prepares the parcel for normal shipping. However, it may be necessary to insure the parcel, in which case insurance will be arranged at the same time by the office admin team. Once this is done, the warehouse can provide the item for pickup.

## Task:

Please, model the business process below using business process model and notation version 2.0 (BPMN 2.0) and the SAP Signavio Process Manager. To do so, first log into the SAP Signavio Process Transformation Suite, academic edition and then create a new Business Process Diagram 2.0 from the drop-down menu.

# Exercise 1 - Solution



# Exercise 2 – Reviewing A Doctor

Level: Intermediate

## Company Background:

A hospital plans to introduce a new quality assurance process for doctors. This new process requires the internal collaboration of an internal quality assurance reviewer and hospital director, as well as an external independent subject matter expert.

## Process Description:

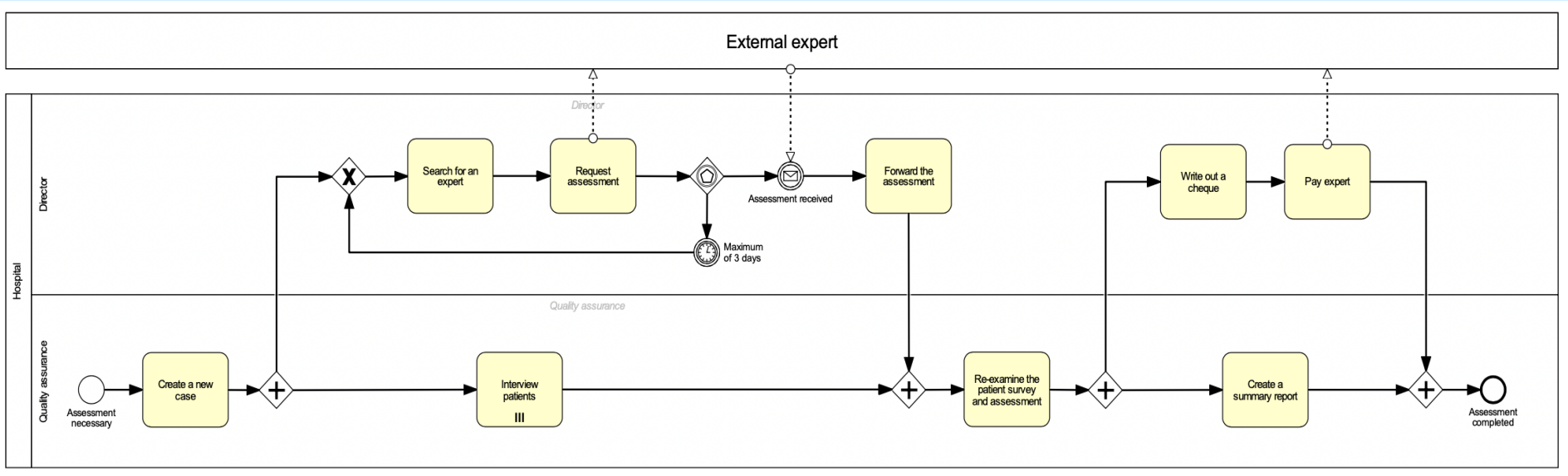
The internal quality assurance reviewer starts with a new case in which she interviews current patients of the doctor in question. In the meantime, the director of the hospital requests an assessment from an external expert who should evaluate the doctor's work. The doctor waits a maximum of 3 days for the answer.

If a response does not arrive within this timeframe, the director must ask another expert. Finally, if an expert does respond, she sends her assessment back to the director. It will then be forwarded to the internal quality assurance reviewer. The internal quality assurance reviewer re-examines the data from the patient survey, as well as the expert assessment, then develops a summary report. While the internal quality assurance reviewer prepares the report, the director fills in a check to pay the expert.

## Task:

Please, model the business process below using BPMN 2.0 and the SAP Signavio Process Manager.

# Exercise 2 - Solution





# Exercise 3 – Bicycle Production

Level: Advanced

## Company Background:

The following process takes place at a small company that produces customized bicycles.

## Task:

Please model the business process below using BPMN 2.0 and the SAP Signavio Process Manager.

## Process Description:

As soon as the customer service team receives a new order, an employee checks it to ensure all data is complete. If the order is incomplete, it will be rejected. If complete, the order is forwarded to the warehouse and to production. Based on the order, the warehouse creates a parts list for the required components.

Then the availability for each part on the list is checked. If a part is no longer available in the warehouse, it will be reordered from the wholesaler, otherwise it can be reserved directly for production. This process is repeated until each part on the list is available. In the meantime, production prepares everything required to build a complete bicycle. Once all parts are available, the bike can be manufactured in the production department. Finally, the customer service team prepares the manufactured bicycle for shipping and instructs the logistics service provider. The customer service then sends a shipping confirmation to the customer.

# Exercise 3 - Solution

