SAP Learning Journey *beta*

A simple way to guide your learning

What is a Learning Journey?

A Learning journey is a visual guide to help you think about the path to become fully competent with a new SAP innovation.

This visualization should make it easier to see every offering that is available for a topic and understand how things are connected.

The journey is not a “mandatory” track or sequence of courses. It offers you a high-level view of your choices. Based on your goals and your prior knowledge, you can select what would work for you.

How can I use it?

Each learning journey is presented using the metaphor of a subway map. Each “station” tile represents a course, learning room, or any other kind of learning offering:

- Basic information such as the name, type, and duration is easily accessible. (In some cases a code is shown - as in this SAP Education course: S4H01 or S4H01E)
- Simple buttons will take you directly to the learning offering / course. (In some cases you may need to register first or pay additional fees depending on your situation.)

Why “beta”? 

We have just started exploring the value of this visualization, so if you have feedback or ideas about how to make the Learning Journey better, let us know! We appreciate a lot everyone’s contributions.

Next: Explore!

Learning Journey for Data Science

Introduction to Data Science

2 days

8 hrs.
Learning Journeys for SAP Data Science

A simple way to guide your learning

Explore and build your learning path based on your role:

- Business Analysts, Application Consultants (BI, Analytics)
- SAP Certified HANA Application Consultants (Modeling)
- Data Scientists (experienced)
- Developers (e.g., ABAP Developer)
- Graduate Students or Researchers
Learning Journey for SAP Data Science
Target Audience: Business Analyst, Application Consultant (BI, Analytics)

Start with a quick orientation to Business Analysis

Go deeper & become fully competent with Data Analysis

Expand your skills with other related SAP Solutions

Stay up-to-date!

SAP HANA

SAP Data Science Learning Room

SAP Data Science Case Study

Statistics

(*) Optional

Feedback?
Was this map useful? Do you have ideas for how to improve it? We’d love to get your feedback.
Learning Journey for SAP Data Science
Target Audience: SAP Certified HANA Application Consultant (Modeling)

Start with a quick orientation to Business Analysis

Data Science
- Introduction to Data Science
  - Classroom
  - Planned: Q4 2016

Big Data
- Enterprise Machine Learning in a Nutshell
  - openSAP
  - 3hrs.
- Driving Business Results with Big Data
  - openSAP
  - 20hrs.
- SAP Big Data Overview
  - Classroom
  - 2 days

IoT
- How the Internet of Things and Smart Services will change Society
  - openSAP
  - 20hrs.

SAP HANA
- SAP HANA Introduction
  - Classroom
  - 2 days
  - eLearning
  - 8 hrs.

Statistics
- Statistical Thinking for Data Science and Analytics
  - (*) Optional

Go deeper & become fully competent with Data Analysis

Predictive Analysis
- R Integration with SAP HANA
  - Guide
  - Videos
- Predictive Analytics: Details of Expert Analytics
  - Classroom
  - 2 days
- SAP Lumira 1.0
  - Classroom
  - 1 day
- SAP BusinessObjects Cloud
  - Early Knowledge Transfer
  - eLearning

Data Visualization
- SAP Big Data Overview
  - Classroom
  - 2 days

Expand your skills with other related SAP Solutions

Programming
- SAP Data Science Learning Room
  - Planned: Q4 2016

SAP HANA
- SAP HANA Smart Data Integration
  - Classroom
  - 2 days

Case Study
- Data Science Case Study
  - Classroom
  - 1 day

Stay up-to-date!

- Predictive Analysis: Introduction to Predictive Analytics & Automated Analytics
  - Classroom
  - 3 days

- SQL Basics for SAP HANA
  - Classroom
  - 2 days

- SAP Lumira 1.0
  - Classroom
  - 1 day

- SAP BusinessObjects Cloud
  - eLearning

Feedback? Was this map useful? Do you have ideas for how to improve it? We’d love to get your feedback.
Learning Journey for SAP Data Science
Target Audience: Data Scientist (experienced)

Start with a quick orientation to Business Analysis

- **Data Science**
  - Introduction to Data Science (Planned: Q4 2016)
  - Enterprise Machine Learning in a Nutshell (M.L.1)
  - SAP Big Data Overview
  - How the Internet of Things and Smart Services will change Society

Go deeper & become fully competent with Data Analysis

- **Programming**
  - R Integration with SAP HANA
  - SQL Basics for SAP HANA

- **Data Analysis & Provisioning**
  - Data Provisioning (HA150)
  - SAP HANA Smart Data Integration

- **Data Integration**
  - SAP HANA Introduction
  - BI Solutions

- **Case Study**
  - Data Science Case Study

Expand your skills with other related SAP Solutions

- **Modeling**
  - SAP HANA Modeling (HA300/E)
  - Introduction to Predictive Analytics & Automated Analytics (PA121)
  - Predictive Analytics: Details of Expert Analytics (PA122)

- **Predictive Analysis**
  - SAP Lumira 1.0 (B11201)
  - SAP BusinessObjects Cloud

- **Data Visualization**
  - Data Science Case Study

Stay up-to-date!

Feedback? Was this map useful? Do you have ideas for how to improve it? We’d love to get your feedback.
Learning Journey for SAP Data Science
Target Audience: Developer (e.g.: ABAP Developer)

Start with a quick orientation to Business Analysis

- Data Science
  - Introduction to Data Science
    - Classroom openSAP
  - Enterprise Machine Learning in a Nutshell
    - M1
      - openSAP 3hrs.
  - Big Data
    - Driving Business Results with Big Data
      - openSAP 20hrs.
      - Classroom 2 days
  - IoT
    - How the Internet of Things and Smart Services will change Society
      - openSAP 20hrs.
      - Classroom 2 days

Go deeper & become fully competent with Data Analysis

- Programming
  - R Integration with SAP HANA
    - Classroom
  - SQL Basics for SAP HANA
    - Classroom
- Data Analysis & Provisioning
  - Data Provisioning
    - Classroom Live Access
  - SAP HANA Smart Data Integration
    - Classroom
  - BI Solutions
    - Introduction to SAP BusinessObjects BI Solutions
      - Classroom eLearning
      - Classroom 3 days 12 hrs.
      - eLearning 8 hrs.

Expand your skills with other related SAP Solutions

- Modeling
  - SAP HANA Modeling
    - Live Access Classroom eLearning
      - Classroom 1 day
- Predictive Analysis
  - Introduction to Predictive Analytics & Automated Analytics
    - Classroom
  - Predictive Analytics: Details of Expert Analytics
    - Classroom
  - SAP Lumira 1.0
    - Classroom
  - SAP BusinessObjects Cloud
    - Early Knowledge Transfer
      - eLearning

Data Visualization

- SQL Cloud
  - EXT_CLOUDPLUGAPP
  - EXT_CLOUDPLUGAPP

Stay up-to-date!

- Expand your skills with other related SAP Solutions
  - SAP HANA Modeling
    - Live Access Classroom eLearning
      - Classroom 1 day
- Predictive Analysis
  - Introduction to Predictive Analytics & Automated Analytics
    - Classroom
  - Predictive Analytics: Details of Expert Analytics
    - Classroom
  - SAP Lumira 1.0
    - Classroom
  - SAP BusinessObjects Cloud
    - Early Knowledge Transfer
      - eLearning

Stay up-to-date!

- Expand your skills with other related SAP Solutions
  - SAP HANA Modeling
    - Live Access Classroom eLearning
      - Classroom 1 day
- Predictive Analysis
  - Introduction to Predictive Analytics & Automated Analytics
    - Classroom
  - Predictive Analytics: Details of Expert Analytics
    - Classroom
  - SAP Lumira 1.0
    - Classroom
  - SAP BusinessObjects Cloud
    - Early Knowledge Transfer
      - eLearning

Stay up-to-date!
Learning Journey for SAP Data Science
Target Audience: Graduate Students or Researchers

Start with a quick orientation to Business Analysis

- Data Science
  - Introduction to Data Science (Planned: Q4, 2016)
  - Enterprise Machine Learning in a Nutshell (OpenSAP)
  - Driving Business Results with Big Data (OpenSAP)
  - How the Internet of Things and Smart Services will change Society (OpenSAP)

Go deeper & become fully competent with Data Analysis

- Big Data
  - SAP Big Data Overview (Classroom)
  - SAP HANA Smart Data Integration (Classroom)

- IoT
  - SAP HANA Introduction (Classroom)

- SAP HANA
  - SAP HANA Introduction (Classroom, eLearning)

Expand your skills with other related SAP Solutions

- Modeling
  - SAP HANA Modeling (Classroom, Guided Access)
  - Data Provisioning (Classroom, Live Access)
  - SAP HANA Smart Data Integration (Classroom)

- Predictive Analysis
  - Predictive Analytics: Details of Expert Analytics (Classroom)
  - Predictive Analysis with SAP HANA (Classroom)
  - Introduction to SAP BusinessObjects BI Solutions (Classroom, eLearning)

- Data Visualization
  - SAP Lumira 1.0 (Classroom)
  - SAP BusinessObjects Cloud (eLearning)

Stay up-to-date!

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Learning Journey for Data Science
Focus Areas: Business Analysis, Data Analysis, Data Modelling & Predictive Analytics

Key Business Analysis competences:
• Understand the customer’s business objectives
• Understand existing business processes
• Evaluate the feasibility of solving a business problem

Key Data Analysis competences:
• Analyze and visualize available data
• Select most effective techniques
• Communicate to customer techniques, limitations
• Define business & technical success criteria
• Assess feasibility in relation to chosen techniques
• Select Modeling Techniques and/or invent new algorithms to solve problems and build new tools to automate work

Key Data Modeling & Predictive Analysis competences:
• Perform exploratory analysis on sample data
• Select modeling technique(s)
• Build & Assess prototype models, revise models and Evaluate results
• Select the final technique
• Define the deployment strategy
• Communicate predictions and findings to management and IT departments through effective data visualizations
What kind of Learning Experiences does SAP offer?

**Face-to-Face & Virtual Classroom Learning**
Offer the traditional instructor-led training experience. Instructors and learners meet at a training site or, in the case of Virtual Live Classrooms (VLC) they connect over the web to participate in a comprehensive training and hands-on learning experience.

**eLearning**
Provides interactive, Web-based materials that you can use at your own pace. You control what to focus on and when; decide how many times you want to go over the materials, and when to stop. eLearning can contain text, videos, demos, simulations, and other media and can be used for regular courses, Early Knowledge Transfer, or other purposes.

**openSAP courses**
Are free, open, online courses on SAP’s latest innovations. Courses consist of videos, self-tests, discussion forums, weekly assignments, and a final exam. After a course closes, all learning content remains available for consumption in self-paced mode.

**SAP Live Access**
Lets you get hands-on experience with a live, fully supported, and private SAP system - preconfigured with the data you need to complete the exercises in SAP Learning Hub classes and free exploration. Available to SAP Learning Hub subscribers in fixed-hour plans.

**Learning Rooms**
Are online social environments where you can build and expand your SAP skills with informal social learning and curated learning content. SAP Learning Rooms are delivered through the SAP Learning Hub and include all the content needed to achieve specific learning goals.

**Academies / eAcademies**
Are “bundles” of learning offerings that cover the content of multiple classroom or eLearning courses together. Often, these integrated offerings lead to a certification or are designed to facilitate the uniform training of project teams.

**Certifications**
Are exams of different lengths and types, validating specific levels of competence with SAP solution knowledge and skills such as Associate, Specialist, or Professional. Certification exams can be taken worldwide at physical and virtual locations.

Where to access SAP Learning:
- **The SAP Learning Hub** provides access to eLearning courses, Learning Rooms, EKT Learning Maps, and Handbooks or “Flipbooks.” (*) Specific offerings might require different subscription levels or “editions.”
- **The SAP Training Shop** allows you to book Classroom trainings as well as, in some cases, individual e-Learnings courses
- **open.sap.com** provides access to openSAP courses (live and self-paced.)
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