



## 1. 📁 ABAP Dictionary

 **Description:** Learn to define and manage SAP database objects like tables, views, data elements, and search helps that form the foundation of all SAP data storage.


---

## 2. 💻 ABAP Programming

 **Description:** Master the basics of the ABAP language – variables, loops, internal tables, and logic building for developing SAP business applications.


---

## 3. 🧩 Modularization

 **Description:** Build clean, reusable code using includes, subroutines, function modules, and macros to enhance modular design and efficiency.


---

## 4. 🏠 ABAP OOPS (Object-Oriented Programming)

 **Description:** Apply object-oriented concepts like classes, inheritance, and interfaces to write structured, scalable, and maintainable ABAP programs.


---

## 5. 📊 Reports

 **Description:** Create classical, interactive, and ALV reports to retrieve and display business data in a readable and actionable format.


---

## 6. 💻 Dialog Programming

 **Description:** Design custom user interfaces (screens) for transaction-based inputs using module pool programming techniques.


---

## 7. 🌐 Web Dynpro

 **Description:** Develop web-based applications within SAP using Web Dynpro for ABAP, offering a robust UI framework for enterprise solutions.


---

## 8. BAPI (Business Application Programming Interface)

 **Description:** Use SAP's standardized interfaces to enable seamless communication between SAP and external systems or applications.


---

## 9. Data Migration Techniques

 **Description:** Learn tools like BDC, LSMW, and BAPI for importing legacy or external data into SAP systems reliably and efficiently.


---

## 10. Enhancement Techniques

 **Description:** Implement custom functionalities in standard SAP processes using user exits, BADIs, enhancement points, and implicit enhancements.


---

## 11. Debugging Techniques

 **Description:** Gain hands-on experience with the ABAP Debugger and breakpoints to identify and fix logical or runtime errors in your code.


---

## 12. Workflows

 **Description:** Automate business processes such as approvals and notifications using SAP Business Workflows for task routing and decision making.


---

## 13. CDS Views & ABAP New Syntaxes

 **Description:** Leverage Core Data Services (CDS) for advanced data modeling and utilize modern ABAP syntaxes for writing efficient code.


---

## 14. Smart Forms & Adobe Forms

 **Description:** Design print-ready documents such as invoices and forms using Smart Forms or Adobe Lifecycle Designer in SAP.


---

#### 15. IDOC (Intermediate Document)

 **Description:** Understand how to exchange structured data between SAP and external systems using IDOCs in real-time or batch modes.

---

#### 16. OData Services

 **Description:** Develop RESTful APIs using OData protocols to expose SAP data for consumption in SAPUI5 apps or third-party frontends.