

Building Apps with AppSheet

Course Description

This course is designed to teach you how to build custom mobile and web applications using AppSheet, a no-code app development platform. Through a series of video lectures and hands-on exercises, you will learn how to connect data sources, create and customize app views, set up app behaviors, and deploy your finished applications. Whether you're a business professional, educator, or entrepreneur, this course will equip you with the skills you need to build your own powerful custom apps without needing to know how to code

Audience

This course is suitable for anyone who wants to learn how to build custom mobile and web applications without needing to know how to code. This includes business professionals, educators, entrepreneurs, and anyone else who wants to leverage the power of technology to streamline workflows, automate processes, and improve productivity.

Pre-requisite Knowledge/Skills

No prior coding experience is required for this course, but basic computer literacy is recommended. Familiarity with spreadsheets, databases, and data manipulation will be helpful, but not required.

Course Objectives

By the end of this course, you will be able to:

- Connect various data sources to your app
- Create and customize app views for different use cases
- Set up app behaviors such as custom actions and workflows
- Deploy and share your finished applications with others

Course Outline

The course comprises 16-hours of theory and labs. It's divided into 16 different modules.

1. Introduction
 - What is AppSheet?
2. Types of Data Sources
 - Connecting Data Sources
 - Adding Tables
 - Setting Table Permissions

- Establishing Column Types
 - Column Types: Dates & Times
 - Column Types: Lists & Dropdowns
 - Column Types: Content, Media & Signatures
3. Positioning & Labelling App Views
- View Types
 - Calendar View
 - Form Views
 - Detail Views
 - Map Views
 - XY Map Types
 - Deck Views
 - Table Views
 - Gallery Views
 - Chart Views
 - Dashboard Views
4. Introduction to App Behaviours
- Creating Custom Actions, Buttons & Links
 - Examples of Actions
 - Automating with Workflows
 - Customizing Generated Emails & PDFs
 - Determining How App Data Syncs
 - Example of App Syncing
5. Understanding App Security
- Requiring User Sign-In
 - Filtering Data with 'Security Filters'
 - Encrypting Your Data
6. Deploying Applications
- Inviting Users
 - Sending Notifications & Announcements to Users
 - Follow-Up: Broadcasting Notifications