



Welcome

Mastering Salesforce **APIs**

Know Your Master Trainer

Ashish Agarwal

- 25 Years of Experience in IT, 12+ Years in Salesforce
- Independent Architect, Trainer & Blogger
- 26x Salesforce Certified | 2x AP | 1000+ Trailhead Badges
- Worked with Salesforce Singapore as Senior Program Architect



Blog: <https://www.asagarwal.com>

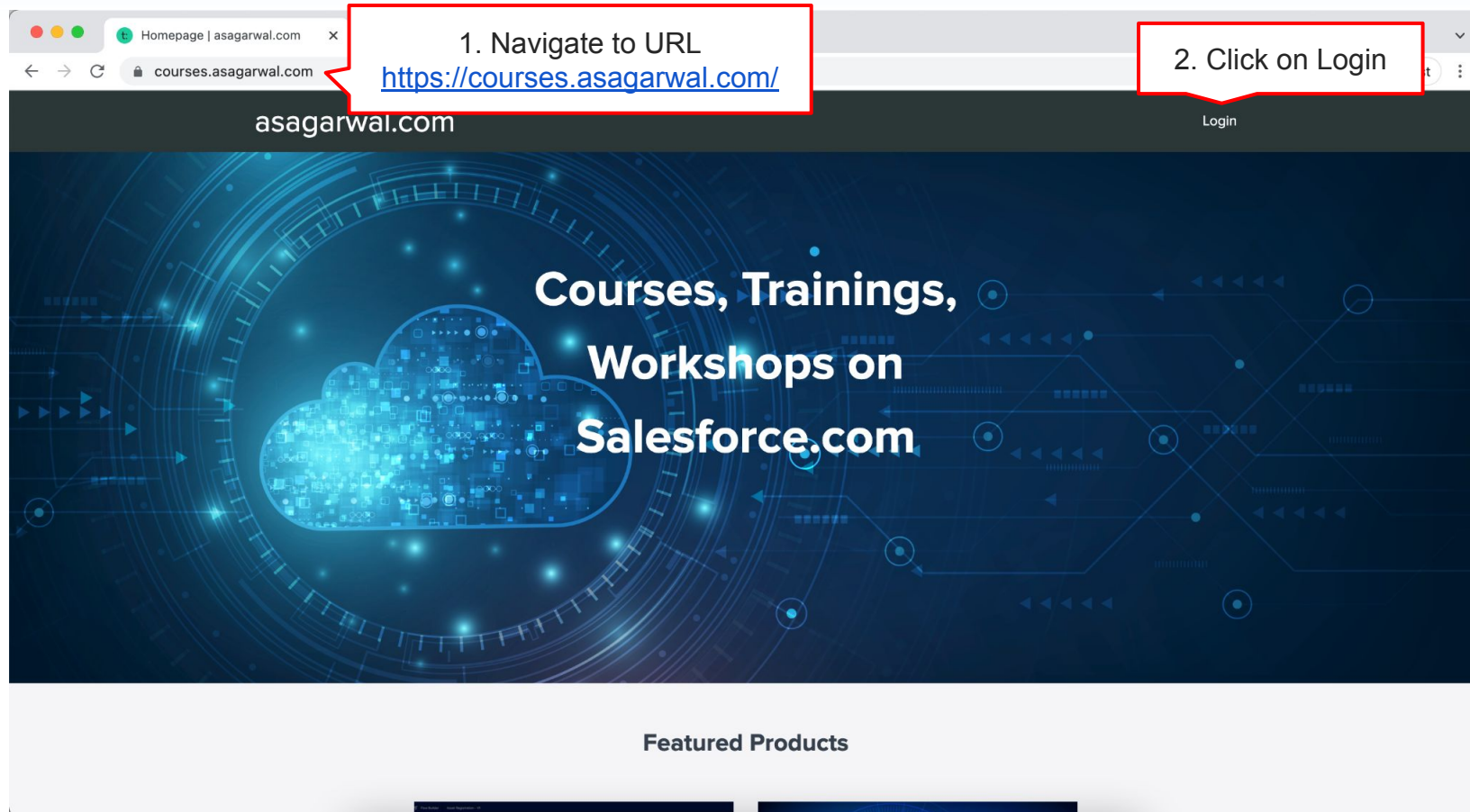
Twitter: [@asagarwal](https://twitter.com/asagarwal)

LinkedIn: <https://www.linkedin.com/in/asagarwal/>

Overview of the Course

Module	Topic
1	Introduction to Salesforce APIs
2	Setting Your Environment to Work with Salesforce APIs
3	Working with Salesforce REST APIs
4	Working with Salesforce Composite REST APIs
5	Working with Salesforce SOAP APIs
6	Working with Salesforce Metadata APIs
7	Working with Advanced Features of Postman

Accessing the Course



Accessing the Course

asagarwal.com

Log in to asagarwal.com

Email Address

asagarwal.salesforce@gmail.com

Password

.....

Log In

[Forgot Password?](#)

1. Enter your username and password & click on Log In

[Privacy - Terms](#)

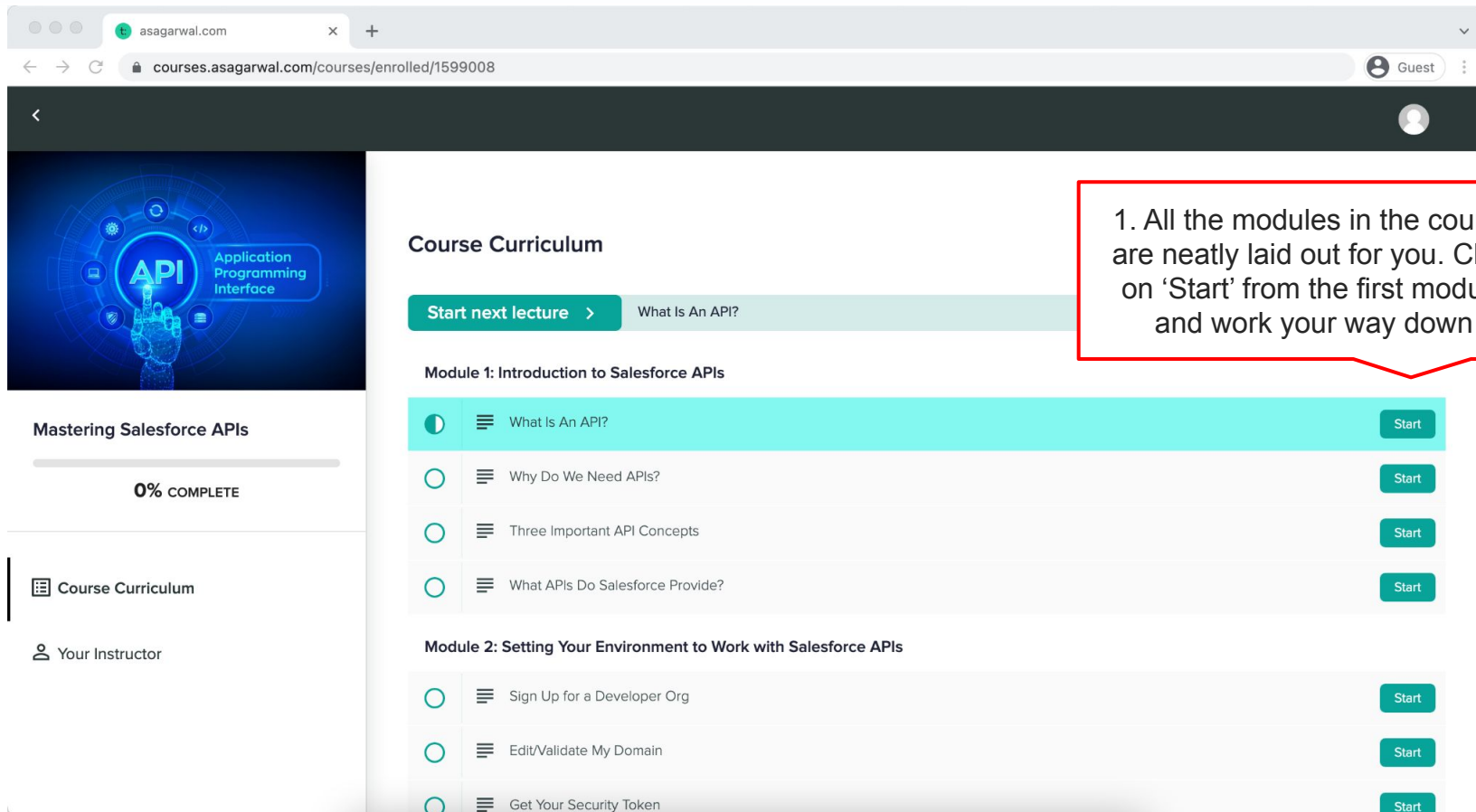
Accessing the Course

The screenshot shows a web browser at `asagarwal.com` with the URL `courses.asagarwal.com`. The page features a dark header with the site name and navigation links for 'My Products' and 'All Products'. Below the header, there are filters for 'Category: All' and 'Author: All', and a search bar labeled 'Find a product'. Two course cards are displayed:

- Mastering Salesforce Flows v2**: A card showing a Salesforce Flow diagram, 100% complete, by Ashish Agarwal.
- Mastering Salesforce APIs**: A card showing a blue background with 'API' and 'Application Programming Interface' text, 0% complete, by Ashish Agarwal.

A red box highlights the 'Mastering Salesforce APIs' card with the instruction: 1. Click on 'Mastering Salesforce APIs'.

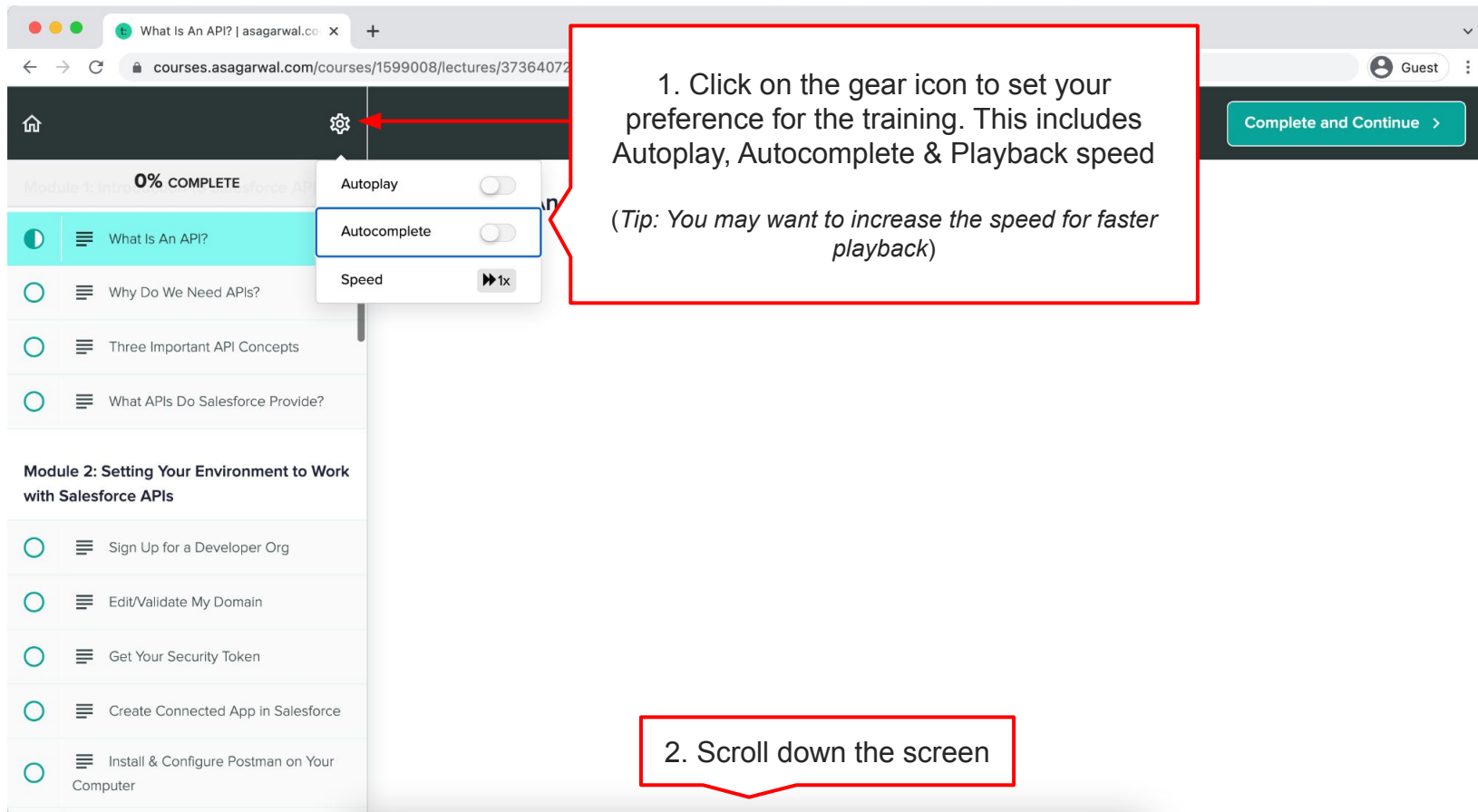
Accessing the Course



The screenshot shows a web browser at `asagarwal.com` with the URL `courses.asagarwal.com/courses/enrolled/1599008`. The page displays the course curriculum for "Mastering Salesforce APIs". On the left, there is a sidebar with a progress bar at "0% COMPLETE" and a menu with "Course Curriculum" and "Your Instructor". The main content area is titled "Course Curriculum" and shows a list of modules. The first module, "Module 1: Introduction to Salesforce APIs", contains four lessons: "What Is An API?", "Why Do We Need APIs?", "Three Important API Concepts", and "What APIs Do Salesforce Provide?". Each lesson has a "Start" button. The second module, "Module 2: Setting Your Environment to Work with Salesforce APIs", contains three lessons: "Sign Up for a Developer Org", "Edit/Validate My Domain", and "Get Your Security Token", each with a "Start" button. A red callout box highlights the first lesson of Module 1.

1. All the modules in the course are neatly laid out for you. Click on 'Start' from the first module and work your way down

Accessing the Course



The screenshot shows a web browser at the URL `courses.asagarwal.com/courses/1599008/lectures/37364072`. The page has a dark header with a home icon, a gear icon (settings), and a 'Guest' user profile. A sidebar on the left lists course modules and topics. The 'What Is An API?' module is highlighted in teal. A settings dropdown menu is open, showing options for 'Autoplay', 'Autocomplete', and 'Speed'. A red arrow points to the gear icon, and a red box highlights the settings menu. A green button labeled 'Complete and Continue >' is in the top right.

1. Click on the gear icon to set your preference for the training. This includes Autoplay, Autocomplete & Playback speed

(Tip: You may want to increase the speed for faster playback)

2. Scroll down the screen

Accessing the Course

The screenshot shows a web browser at the URL `courses.asagarwal.com/courses/1599008/lectures/37364072`. The page is titled "What Is An API?" and is currently at 0% completion. The sidebar lists the following modules:

- Module 1: Introduction To Salesforce APIs
 - What Is An API?
 - Why Do We Need APIs?
 - Three Important API Concepts
 - What APIs Do Salesforce Provide?
- Module 2: Setting Your Environment to Work with Salesforce APIs
 - Sign Up for a Developer Org
 - Edit/Validate My Domain
 - Get Your Security Token
 - Create Connected App in Salesforce
 - Install & Configure Postman on Your Computer

The main content area displays a video player for "Module 1 - Introduction To Salesforce APIs.pdf". Below the video player is a "Discussion" section with a "Post a comment" prompt. A user named "Ashish" has started a comment with the text "Leave a comment...". A "Post Comment" button is visible at the bottom right of the discussion area.

1. Below the video, you will find the link to download the PDF document

2. If you have any questions, comments, feedback or suggestions on the module, or need any assistance, please enter that here and we will respond to you as soon as we can

Accessing the Course

The screenshot displays a web browser window with the URL `courses.asagarwal.com/courses/1599008/lectures/37364072`. The page features a dark header with a home icon, a settings gear, and a 'Complete and Continue' button. The left sidebar, highlighted with a red box, shows the course progress: 'Module 1: Introduction to Salesforce APIs' is 0% complete, and 'Module 2: Setting Your Environment to Work with Salesforce APIs' is listed below it. The main content area includes a 'Discussion' section with a 'Post a comment' prompt and a comment form for a user named Ashish. A red callout box points to the sidebar, stating: '1. The left sidebar will show you the % complete and sections & modules for quick navigation'. Another red callout box points to the 'Complete and Continue' button, stating: '2. Once you have completed the module, click on 'Complete and Continue'. This will update your progress for you to keep track of.'

Accessing the Course

1. To manage your notification settings or to log out of the course, click on Home icon

What Is An API? | asagarwal.co x +

courses.asagarwal.com/courses/1599008/lectures/37364072

Guest

Complete and Continue >

Download

Module 1 - Introduction To Salesforce APIs.pdf

Discussion

Post a comment

Ashish

Leave a comment...

Post Comment

0 comments

Three Important API Concepts

What APIs Do Salesforce Provide?

Module 2: Setting Your Environment to Work with Salesforce APIs

Sign Up for a Developer Org

Edit/Validate My Domain

Get Your Security Token

Create Connected App in Salesforce

Install & Configure Postman on Your Computer

Accessing the Course

The screenshot shows a web browser at `asagarwal.com` with the URL `courses.asagarwal.com/courses/enrolled/1599008`. The page title is "Mastering Salesforce APIs" and it shows a progress bar at "0% COMPLETE". The left sidebar contains a "Course Curriculum" link and a "Your Instructor" section. The main content area displays the "Course Curriculum" with two modules:

- Module 1: Introduction to Salesforce APIs**
 - What Is An API? (Start)
 - Why Do We Need APIs? (Start)
 - Three Important API Concepts (Start)
 - What APIs Do Salesforce Provide? (Start)
- Module 2: Setting Your Environment to Work with Salesforce APIs**
 - Sign Up for a Developer Org (Start)
 - Edit/Validate My Domain (Start)
 - Get Your Security Token (Start)

A red box highlights the "Edit Profile" option in the user menu, which is the first step in accessing the course.

Accessing the Course

The screenshot shows a web browser at `sso.teachable.com/secure/1046703/current_user/profile`. The left sidebar contains links: Edit Profile, Manage Subscriptions, Add / Change Credit Card, Address, Contact, and Log Out. The main content area includes:

- Edit Profile:** Email `asagarwal.salesforce@gmail.com` (with an `Edit` link) and a Password field (with a `Change` link).
- Profile Image:** Text stating "We use Gravatar.com to set your profile images. To change your profile image, create a Gravatar account."
- Linked Accounts:** A section showing a linked "Teachable Accounts" with a `Disconnect` link and a `View Account` link.
- Notifications:** A section with three toggle switches, all of which are turned on:
 - ✓ Email me when someone responds to my comments.
 - ✓ Email me when someone comments on a discussion I've commented in.
 - ✓ Receive instructional and promotional emails from asagarwal.com.

Two red annotations are present:

- A red box highlights the **Notifications** section.
- A red callout bubble points to the first notification toggle with the text: "1. Enable/disable the notification setting as per your preference. We will recommend to keep all the settings enabled".

Accessing the Course

courses.asagarwal.com/courses/enrolled/1599008

1. To log out of the course, click on the image on top right corner and click logout.

Guest

API Application Programming Interface

Mastering Salesforce APIs

0% COMPLETE

Course Curriculum

Your Instructor

Course Curriculum

Start next lecture > What Is An API?

Module 1: Introduction to Salesforce APIs

- What Is An API? Start
- Why Do We Need APIs? Start
- Three Important API Concepts Start
- What APIs Do Salesforce Provide? Start

Module 2: Setting Your Environment to Work with Salesforce APIs

- Sign Up for a Developer Org Start
- Edit/Validate My Domain Start
- Get Your Security Token Start

https://courses.asagarwal.com/sign_out

How this Training is Structured?

Objectives



What Is An API?



Why Do We Need APIs?



Three Important API Concepts



What APIs Do Salesforce Provide?

**At the beginning of the module,
we will walk you through the
objectives of that module**

How this Training is Structured?

Business Use Case

Context

SIAA Enterprises IT landscape includes Salesforce for CRM, SAP for ERP and Oracle for Warehouse, Logistics & Order Fulfillment system.



Rachael
CTO

Ria, we need to enhance our users' experience. Currently our systems do not talk to each other and our sales rep need to swivel chair between the applications to answer customer queries.

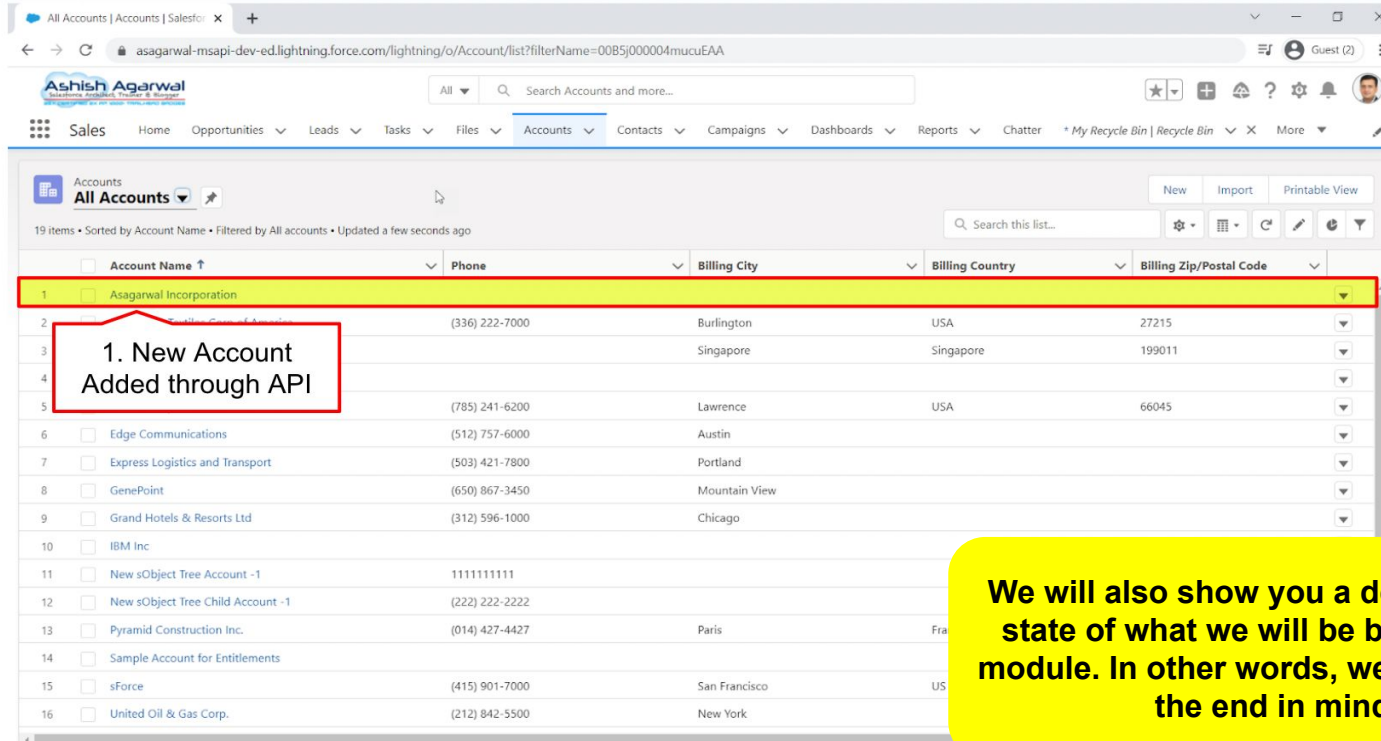
Yes, Rachael. We can make use of APIs provided by Salesforce to integration SAP & Oracle with Salesforce. When the order delivery status changes in Oracle, we can update the status back using these APIs. Let's create a PoC and demo it to the business.



Where applicable, we will give you the business requirements and use case, that we will be working on in that module. This will not only help you understand the technical aspects of the module, but will also give you the business context

How this Training is Structured?

Begin with the End in Mind



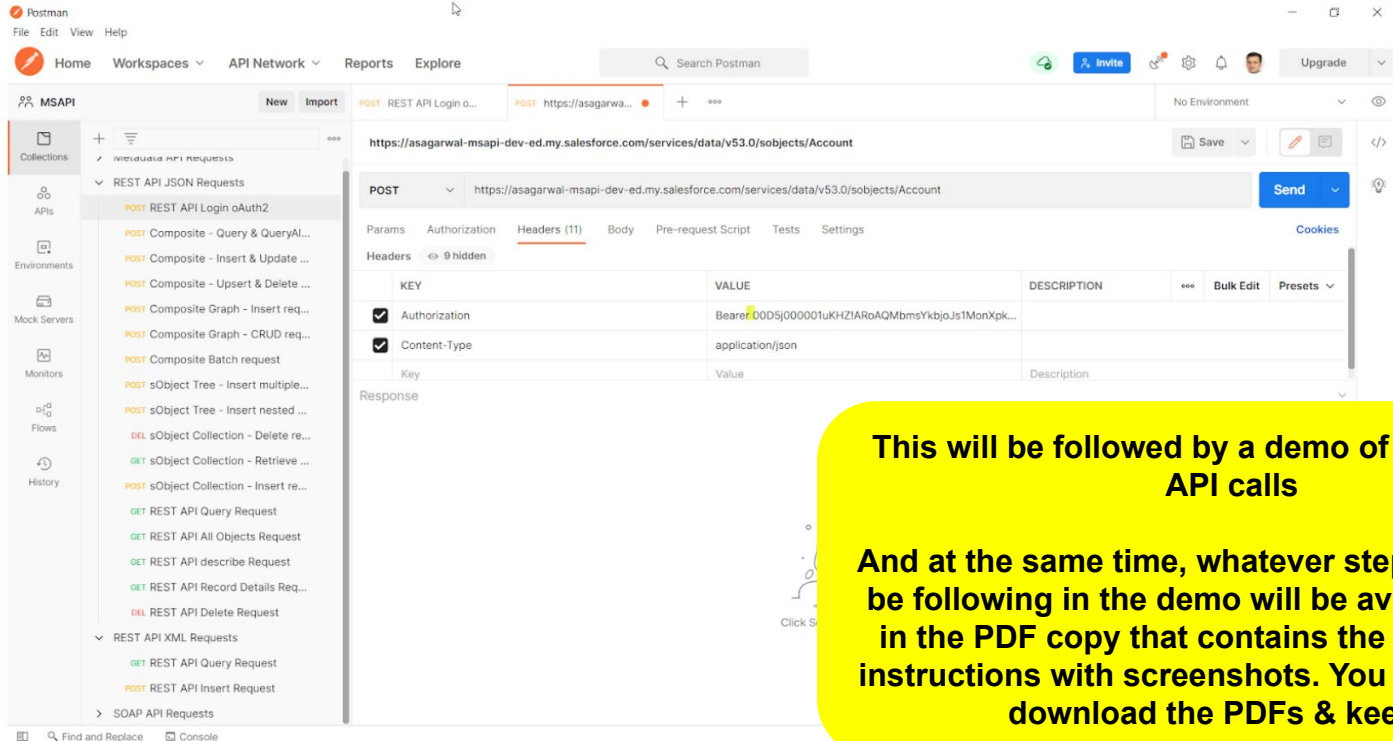
The screenshot shows the Salesforce 'All Accounts' list view. The first account, 'Asagarwal Incorporation', is highlighted with a red box. A callout box points to this account with the text '1. New Account Added through API'. The table below lists 19 accounts, sorted by name.

	Account Name ↑	Phone	Billing City	Billing Country	Billing Zip/Postal Code
1	Asagarwal Incorporation				
2	...	(336) 222-7000	Burlington	USA	27215
3	...		Singapore	Singapore	199011
4					
5		(785) 241-6200	Lawrence	USA	66045
6	Edge Communications	(512) 757-6000	Austin		
7	Express Logistics and Transport	(503) 421-7800	Portland		
8	GenePoint	(650) 867-3450	Mountain View		
9	Grand Hotels & Resorts Ltd	(312) 596-1000	Chicago		
10	IBM Inc.				
11	New sObject Tree Account -1	1111111111			
12	New sObject Tree Child Account -1	(222) 222-2222			
13	Pyramid Construction Inc.	(014) 427-4427	Paris	France	
14	Sample Account for Entitlements				
15	sForce	(415) 901-7000	San Francisco	USA	
16	United Oil & Gas Corp.	(212) 842-5500	New York		

We will also show you a demo of the end state of what we will be building in that module. In other words, we will begin with the end in mind. :-)

How this Training is Structured?

Demo



This will be followed by a demo of how to make API calls

And at the same time, whatever steps that we will be following in the demo will be available to you in the PDF copy that contains the step-by-step instructions with screenshots. You will be able to download the PDFs & keep it.

How this Training is Structured?

Let's Recap



What Is An API?



Why Do We Need APIs?



Three Important API Concepts



What APIs Do Salesforce Provide?

In the end, we will do a quick recap of what we learnt in that module

How this Training is Structured?

It's Your Turn Now

- **Connect to Salesforce from Postman**
- **Query data from Account object through API**
- **Create a record in Salesforce through API**
- **Update an existing Record in Salesforce through the API**
- **Delete the record in Salesforce through API**

And then, it will be time for you to do your lab exercises. We will tell you what you are supposed to accomplish in your lab exercise. You can follow the PDF to complete these exercises. The PDF contains step-by-step guide with screenshots to guide you all the way

How this Training is Structured?

Got Questions? Feedback?



Just post it as a comment in the discussion area below and we will get back to you!

But we will not leave your hand there. In every module, you will find a 'Discussion' area towards the bottom of the screen where you can ask questions related to that module. You can also share your comments, feedback and suggestions. Please do note that your comments will be visible to all the participants of the training and will facilitate collaborative learning

And Finally a Request

**Let's be environment conscious.
Please avoid taking print out of
the study material, if you can.**

Got Questions? Feedback?



Post it as a comment in the discussion area below or email us at contact@asagarwal.com and we will get back to you!

