

Travel Planner Agent

The Challenge -

A Travel Planner Agent is an AI-powered assistant that helps users plan trips efficiently and intelligently. It uses real-time data to suggest destinations, build itineraries, and recommend transport and accommodation options.

By understanding user preferences, budgets, and constraints, it tailors personalized travel plans.

Integrated with maps, weather updates, and local guides, it ensures a smooth travel experience.

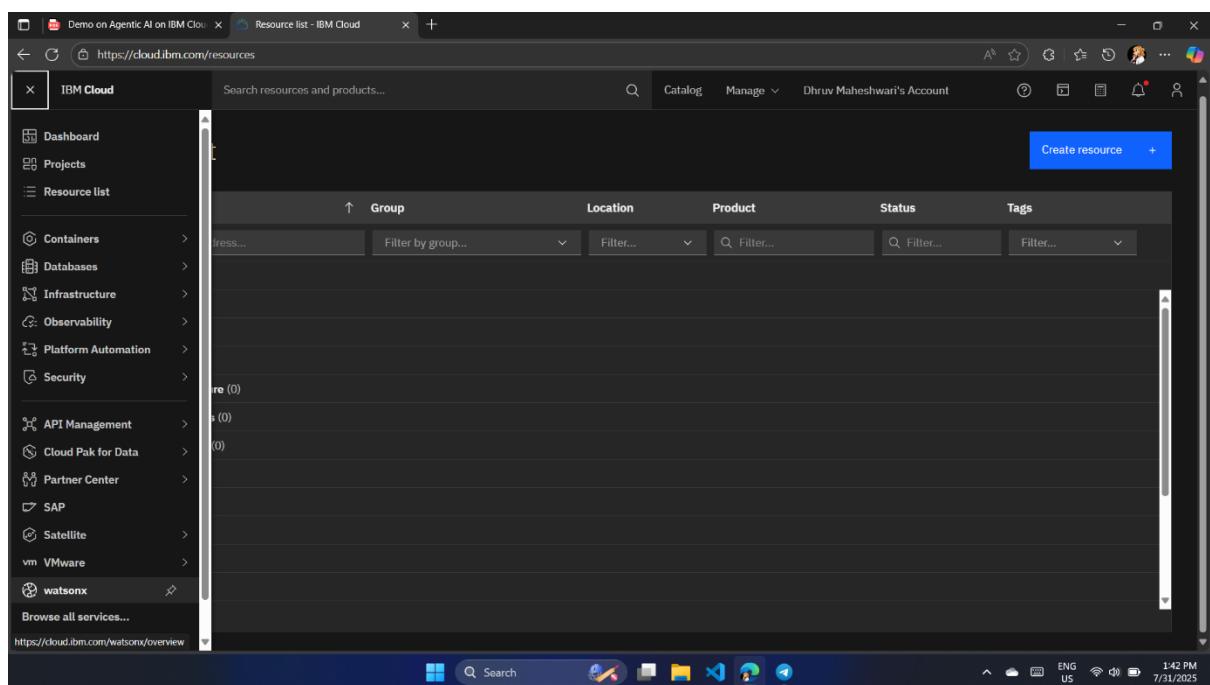
The agent can also manage bookings, alert users to changes, and optimize schedules on the go.

This smart assistant transforms complex travel planning into a seamless, enjoyable process.

Technology -

Use of IBM cloud lite services /IBM Granite is mandatory.

Screenshots -



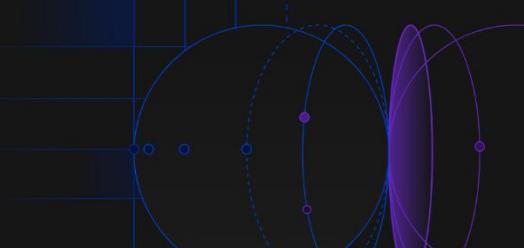
Demo on Agentic AI on IBM Cloud | Watsonx - IBM Cloud

https://cloud.ibm.com/watsonx/overview

IBM Cloud Search resources and products... Catalog Manage Dhruv Maheshwari's Account

Build AI solutions with IBM watsonx

IBM watsonx™ provides multiple integrated experiences to focus on the core workflows for building custom generative AI solutions.



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watsonx.ai Build and deploy AI apps
watsonx.governance Trust AI models
watsonx.data intelligence Manage, trust, and share data
watsonx.data integration Integrate any data, any style

https://dataplatform.cloud.ibm.com/docs/content/ws/getting-started/welcome-main.html?context=ws&audience=wdp

1:43 PM ENG US 7/31/2025

Demo on Agentic AI on IBM Cloud | Documentation for IBM watsonx

https://dataplatform.cloud.ibm.com/docs/content/ws/getting-started/welcome-main.html?context=ws&audience=wdp

Log In Sign Up

IBM watsonx

Docs / Overview

Find information

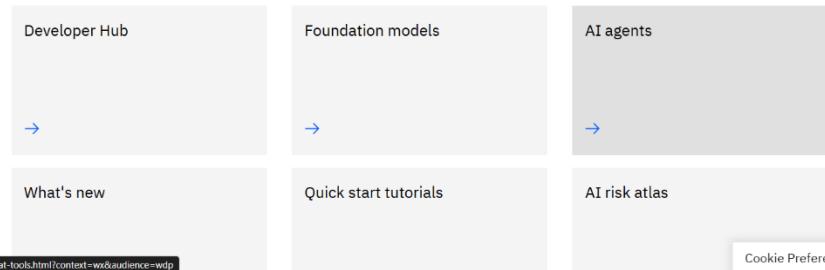
Overview

- Planning an AI solution
- Getting started and tutorials
- Gen AI solutions
- Projects
- Preparing data
- Data science solutions
- Deploying AI
- Governing AI
- Administration
- Glossary

Documentation for IBM watsonx as a Service

Last updated: Jul 25, 2025

IBM watsonx as a Service is an experience where you build, deploy, and govern AI solutions with watsonx.ai and watsonx.governance. To sign up or try a demo of watsonx.ai, go to the [watsonx.ai product page](#). If you are looking for watsonx.data, see [IBM watsonx.data documentation](#).



Developer Hub → Foundation models → AI agents →

What's new → Quick start tutorials → AI risk atlas →

Cookie Preferences

https://dataplatform.cloud.ibm.com/docs/content/ws/analyze-data/fn-api-chat-tools.html?context=ws&audience=wdp

1:43 PM ENG US 7/31/2025

Demo on Agentic AI on IBM Cloud | Building agent-driven workflows

https://dataplatform.cloud.ibm.com/docs/content/wsj/analyze-data/api-chat-tools.html?context=ws&audience=wdp

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Find information

Overview Planning an AI solution Getting started and tutorials Gen AI solutions Terms of use Tokens Supported foundation models Building prompts Automating tasks with AI agents Agent Lab (beta) Agent-driven chat Coding generative AI solutions Retrieval-augmented generation Tuning models Projects Preparing data Data science solutions

Last updated: Jul 25, 2025

Building agent-driven workflows with the chat API

Use the watsonx.ai chat API with foundation models that support tool calling to build agent-driven applications.

Ways to develop

You can build agent-driven workflows by using these programming methods:

- REST API
- Python
- Node.js
- LangChain (Python)
- LangChain (JS)
- CrewAI

Overview

Agentic applications allow a foundation model to function as an agent that controls the flow of interaction with the user. You define the logic for how the agent interacts with the user, including the tools that the foundation model can use, but you allow the foundation model to decide how to use them.

https://dataplatform.cloud.ibm.com/docs/content/wsj/analyze-data/ln-agent-lab.html?context=ws&audience=wdp

1:43 PM 7/31/2025

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) - Docs | IBM watsonx

https://dataplatform.cloud.ibm.com/docs/content/wsj/analyze-data/ln-agent-lab.html?context=ws&audience=wdp

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Find information

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Setup Configuration Framework LangGraph RefAct Instructions

Build an agent with Agent Lab: IBM watsonx

To build an AI agent, complete the following steps:

- From the [watsonx.ai home page](#), choose a project, and then click the **New asset > Build an AI agent to automate tasks** tile.
- Select a foundation model and optionally update model parameters. For details, see [Foundation model configuration](#).
- To set up your agent, specify a name for the agent and describe the tasks the agent performs.
- Optional:* Add some sample questions that the user can submit to start interacting with the agent.
- Optional:* Select an icon and background image to customize how your agent appears in the **Agent Preview** pane.

Note: Currently, watsonx.ai offers LangGraph as the only framework choice.

Cookie Preferences

1:43 PM 7/31/2025

Demo on Agentic AI on IBM Cloud | Home | IBM watsonx

Welcome back, Dhruv

Train, validate, tune and deploy AI models.

Customize my journey

Open in: Travel_Planner_Agent

[..] Chat and build prompts with foundation models Start chatting... Open Prompt Lab

Build an AI agent to automate tasks with Agent Lab (B)

Tune a foundation model with labeled data with Tuning Studio

Jump back in Projects / Travel_Planner_Agent Home / Projects Spaces / Travel_Planner_Agent Home / Deployments

Discover

What's new

https://dataplatform.cloud.ibm.com/wx/agents/context=wx&project_id=2efea5b9-d160-4708-8c71-b0ba07875fd

1:49 PM ENG US 7/31/2025

Demo on Agentic AI on IBM Cloud | Home | IBM watsonx

Welcome back, Dhruv

Train, validate, tune and deploy AI models.

Customize my journey

Open in: Travel_Planner_Agent

[..] Chat and build prompts with foundation models Start chatting... Open Prompt Lab

Build an AI agent to automate tasks with Agent Lab (B)

Tune a foundation model with labeled data with Tuning Studio

Jump back in Projects / Travel_Planner_Agent Home / Projects Spaces / Travel_Planner_Agent Home / Deployments

Discover

What's new

https://dataplatform.cloud.ibm.com/wx/agents/context=wx&project_id=2efea5b9-d160-4708-8c71-b0ba07875fd

1:49 PM ENG US 7/31/2025

The screenshot shows the IBM Watsonx Agent Lab interface. On the left, there's a sidebar with sections like Build, Setup, Configuration, Instructions, Knowledge, and Tools. The main area is titled "Agent preview" and shows a welcome message from "watsonx Agent 01:49 PM". A modal window titled "No watsonx.ai Studio service detected" appears, stating "To access the Prompt Lab, you must provision a watsonx.ai Studio service instance in your account." It contains a blue "Associate service" button and a magnifying glass icon. At the bottom, there's a search bar with "Type something..." and a timestamp "1:49 PM 7/31/2025".

The screenshot shows the Watsonx.ai Studio creation interface. It has tabs for "Create" and "About". Under "Create", there's a "Select a region" dropdown set to "Dallas". Below it is a "Pricing plan" section with a note about tax and region. A table compares "Plan" (Lite) and "Features" (1 authorized user, 10 capacity unit-hours monthly limit, environment requirements), with "Pricing" (Free). To the right, a "Summary" panel shows details: Region: Dallas, Plan: Lite, Service name: watsonx.ai Studio-qm, Resource group: Default. Buttons for "Create", "View terms", and "Cancel" are at the bottom. The timestamp is "1:50 PM 7/31/2025".

Demo on Agentic AI on IBM Cloud | Agent Lab — Travel_Planner_Agent

IBM watsonx

Projects / Travel_Planner_Agent / Agent Lab

watsonx.ai Studio

Author: IBM • Date of last update: May 7, 2025 • Docs

Create About

Select a region

Select a region Dallas

Pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or region: United States

Plan	Features	Pricing
Lite	1 authorized user 10 capacity unit-hours monthly limit Environment = # of capacity units required per hour • 1 vCPU + 4 GB RAM = 0.5 • 2 vCPU + 8 GB RAM = 1 • 4 vCPU + 16 GB RAM = 2 • Decision Optimization + Watson NLP = Environment + 5 • Synthetic Data Generator, 2 vCPU + 8 GB RAM = 7 (requires watsonx.ai Runtime)	Free

Summary

watsonx.ai Studio

Region: Dallas
Plan: Lite
Service name: watsonx.ai Studio-qm
Resource group: Default

Create View terms Cancel

1:50 PM 7/31/2025

Demo on Agentic AI on IBM Cloud | Prompt Lab — Travel_Planner_Agent

IBM watsonx

Projects / Travel_Planner_Agent / Prompt Lab

Chat Structured

Welcome to Prompt Lab

By using any foundation model provided with this Cloud Service, you acknowledge and understand that:

Some models included in the Cloud Service are Non-IBM Products. Review the applicable model details on the third party provider and license terms that apply.

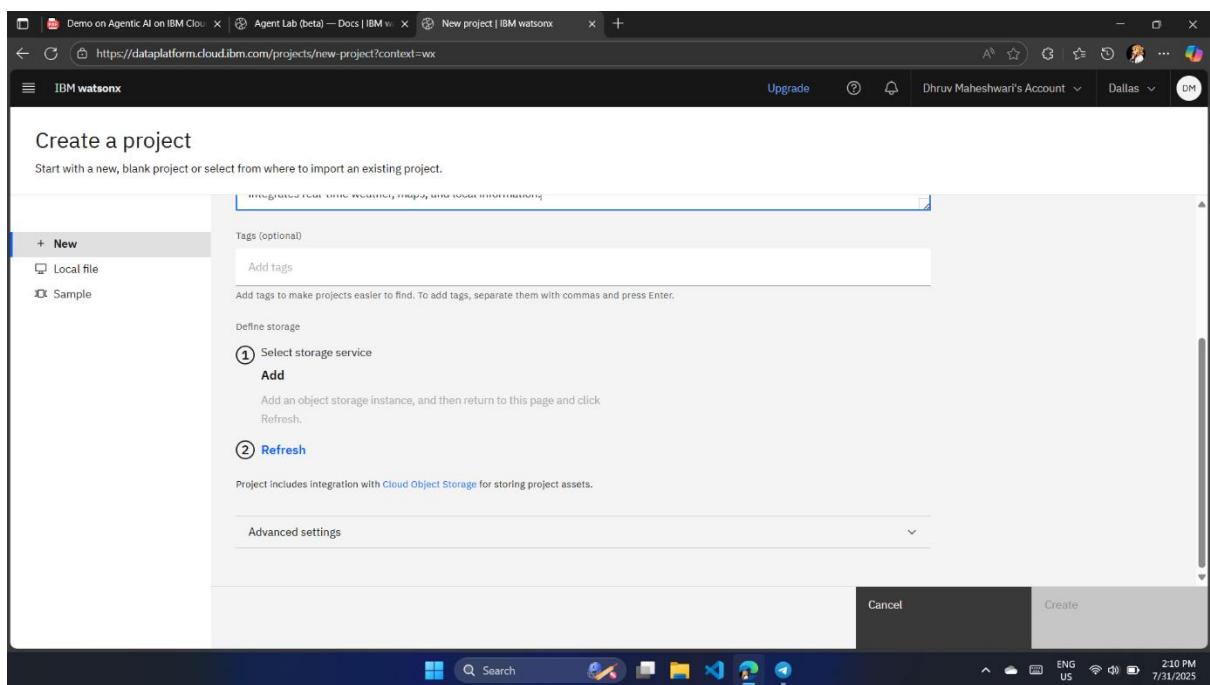
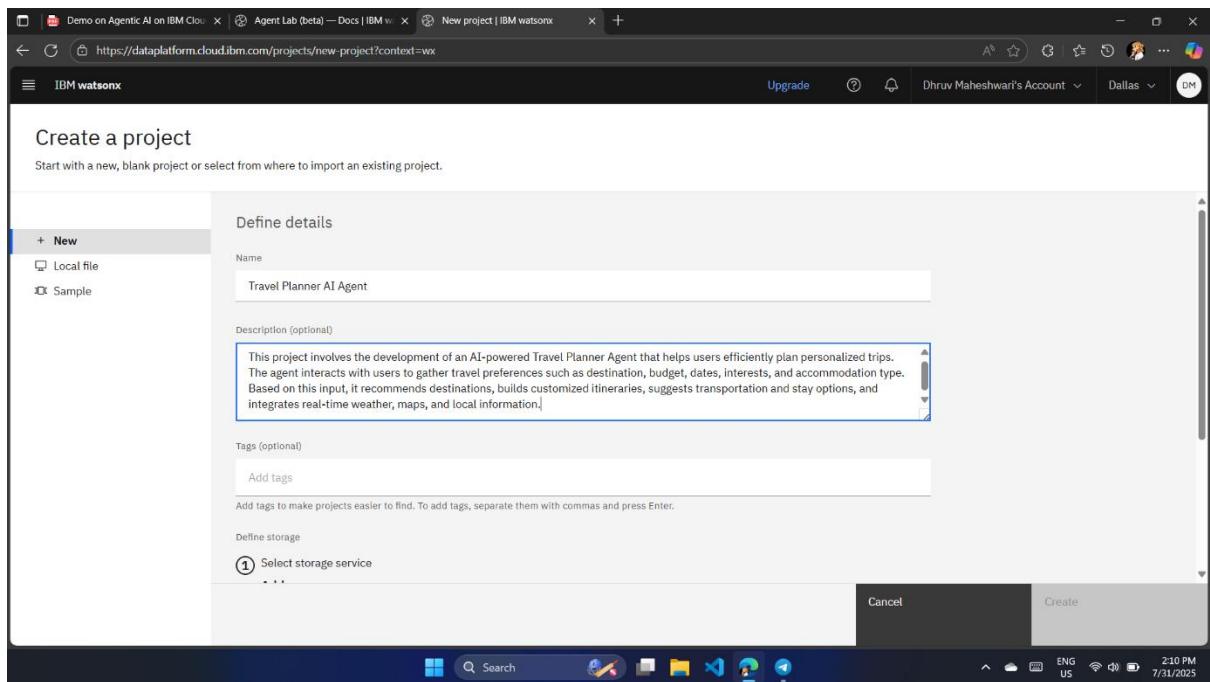
Models may generate outputs that contain misinformation, obscene or offensive language, or discriminatory content. Client should review the outputs for such information or content prior to re-use. Users should review and validate the outputs generated.

The output generated by all models is provided to augment, not replace, human decision-making by the Client.

Skip tour Start tour

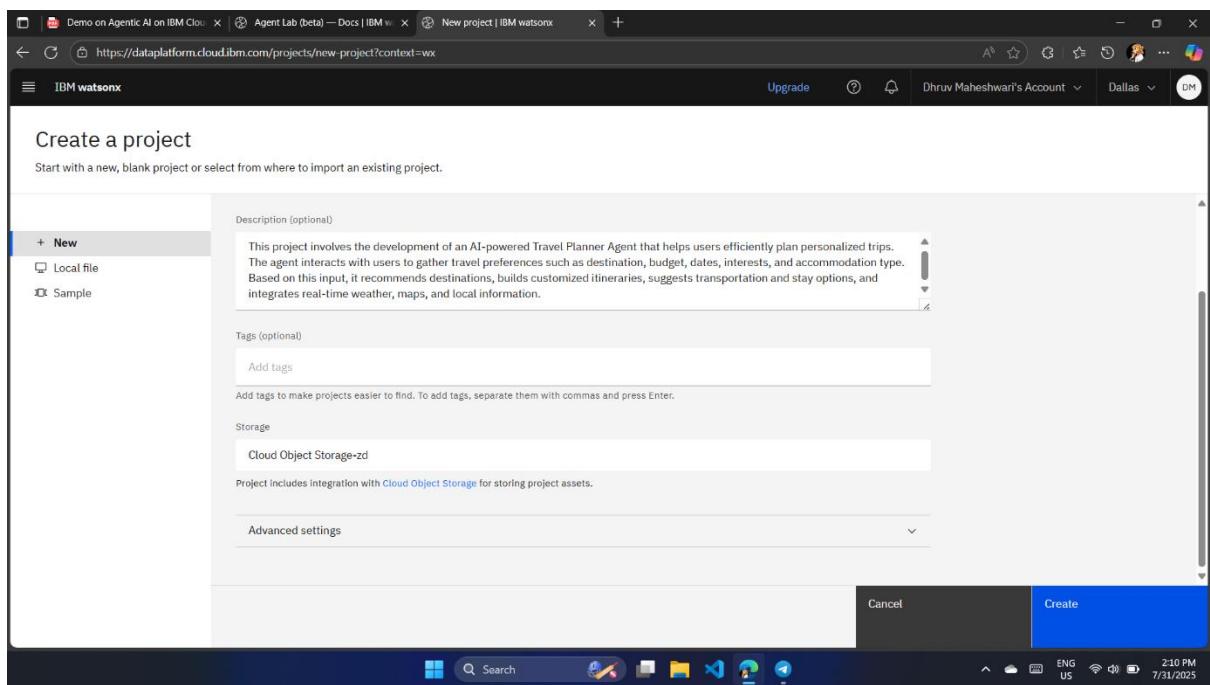
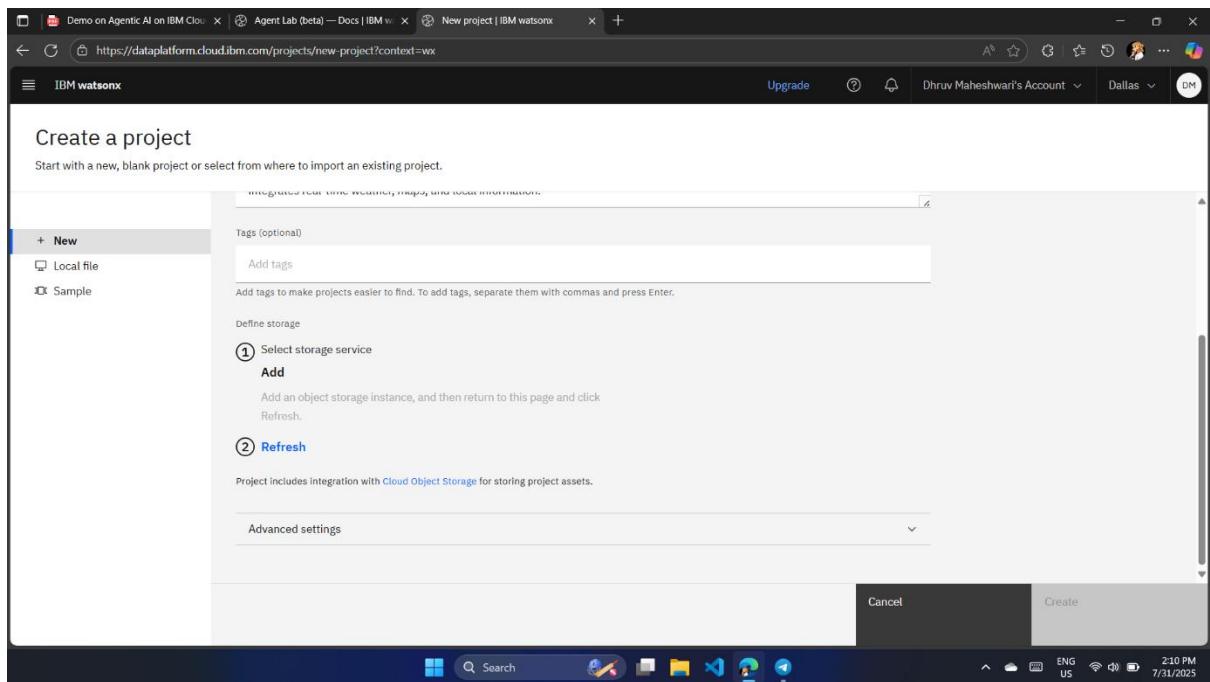
Type something...

1:51 PM 7/31/2025



The screenshot shows the IBM WatsonX Cloud Object Storage service catalog page. At the top, there are tabs for 'Create' and 'About'. The 'Create' tab is selected. On the left, there's a 'Pricing plan' section with a note about displayed prices not including tax and being for the United States. It lists two plans: 'One-Rate' and 'Lite(deprecated)'. The 'Lite(deprecated)' plan is highlighted with a blue border. It describes the plan as free for up to 25 GB per month, with no minimum fee, and includes built-in allowances. It also notes that the plan instance is used for trial and can be upgraded to Standard. A note states that 'Lite plan services are deleted after 30 days of inactivity.' The 'Standard' plan is described as a flexible Pay-as-You-Go option with no minimum fee, ideal for workloads with large storage needs. The right side of the page displays a 'Summary' section with details like Region: Global, Plan: Lite(deprecated), Service name: Cloud Object Storage-zd, and Resource group: Default. Below this is a 'Create' button, a 'View terms' link, and a 'Cancel' link. The bottom of the page shows a Windows taskbar with various icons.

The screenshot shows the 'Create a project' dialog box. On the left, there's a sidebar with '+ New' and options for 'Local file' and 'Sample'. The main area has a 'Tags (optional)' section with a 'Add tags' button and a note about adding tags to make projects easier to find. Below this is a 'Define storage' section. Step 1, 'Select storage service', has a 'Add' button with a note about adding an object storage instance and clicking Refresh. Step 2, 'Refresh', is shown with a note about integration with Cloud Object Storage. At the bottom, there are 'Advanced settings' and 'Cancel' and 'Create' buttons. The bottom of the screen shows a Windows taskbar.



The screenshot shows the IBM WatsonX interface for a project titled "Travel Planner AI Agent". The top navigation bar includes links for "Demo on Agentic AI on IBM Cloud", "Agent Lab (beta) — Docs | IBM WatsonX", and "Travel Planner AI Agent — Project". The user is logged in as "Dhruv Maheshwari's Account" in the Dallas region.

The main content area features a horizontal flow of four cards:

- "Add users as collaborators" →
- "Add data to work with" →
- [...] Chat and build prompts with foundation models →
- ↑↓ Tune a foundation model with labeled data →

Below this, there are sections for "Jump back in" (Assets, View all), "Resource usage" (CUH, Tokens, Hosting hours, Pages), "Your documentation" (New!), and "Project history" (You created project "Travel Planner AI Agent" today at 2:11 PM).

The URL in the address bar is <https://dataplatform.cloud.ibm.com/projects/0f70521d-67c0-424c-9571-0f90abf052b8?context=wx>.

This screenshot is identical to the one above, showing the same project details, card flow, and interface elements for the "Travel Planner AI Agent" project.

The URL in the address bar is <https://dataplatform.cloud.ibm.com/projects/0f70521d-67c0-424c-9571-0f90abf052b8?context=wx>.

This screenshot shows the 'Start working' section of the Project Overview page. It features four cards:

- Add users as collaborators**: Shows 0 users.
- Add data to work with**: Shows 0 datasets.
- Chat and build prompts with foundation models**: Shows 0 prompts.
- Tune a foundation model with labeled data**: Shows 0 datasets.

Below this, there's a 'Jump back in' section with a 'View all' link, a 'Resource usage' summary (0 CUH, 0 Tokens, 0 Hosting hours), and a 'Your documentation' section with a 'New!' badge and a 'Get started with your documentation' link.

This screenshot shows the Prompt Lab interface. At the top, it says 'No watsonx.ai Runtime service detected'. Below this, there are two sample questions:

- What are more efficient alternatives to a 'for loop' in Python?
- Create a chart of the top NLP use-cases for foundation models.
- What is the Transformers architecture?
- Describe generative AI using emojis.

The interface includes tabs for Chat, Structured, and Freeform, and a search bar at the bottom.

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx | Travel Planner AI Agent — Project

Associate service

Choose an existing or add a new service to associate with your project.

Resource Groups ▾ Locations ▾

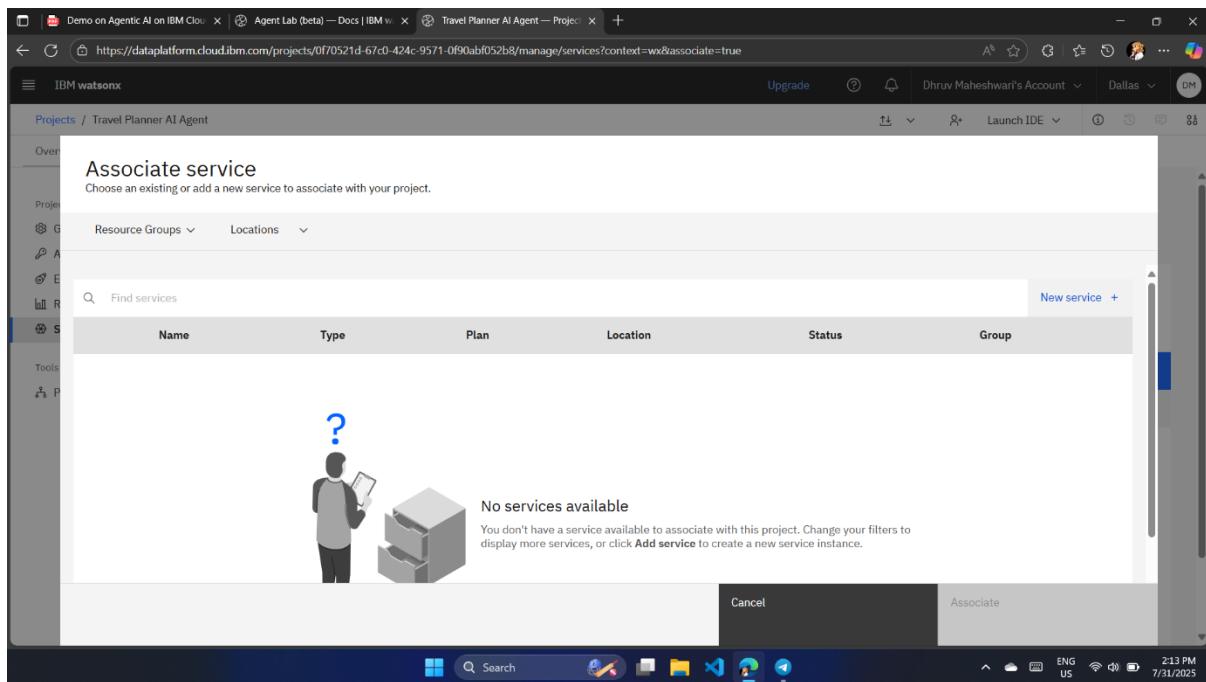
Find services New service +

Name	Type	Plan	Location	Status	Group
No services available					

You don't have a service available to associate with this project. Change your filters to display more services, or click Add service to create a new service instance.

Cancel Associate

2:13 PM 7/31/2025



Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx | Travel Planner AI Agent — Project

Associate service

Choose an existing or add a new service to associate with your project.

Services

Find services AI / Machine Learning

Category

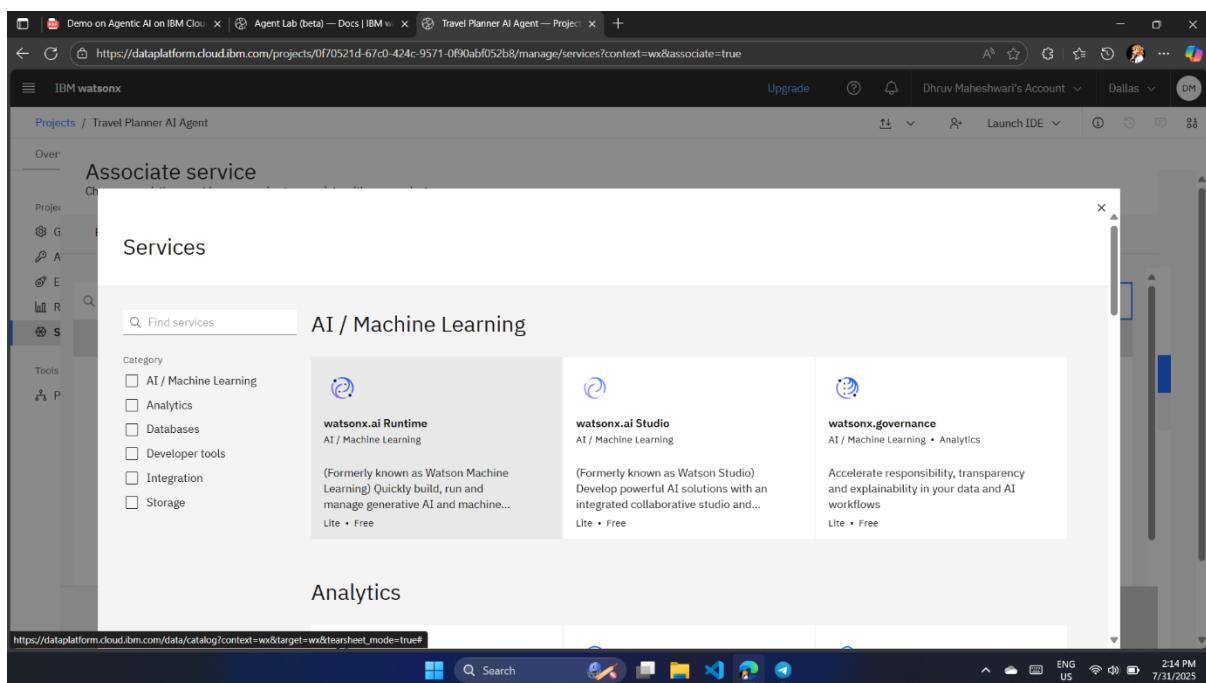
- AI / Machine Learning
- Analytics
- Databases
- Developer tools
- Integration
- Storage

 watsonx.ai Runtime AI / Machine Learning (Formerly known as Watson Machine Learning) Quickly build, run and manage generative AI and machine... Lite • Free	 watsonx.ai Studio AI / Machine Learning (Formerly known as Watson Studio) Develop powerful AI solutions with an integrated collaborative studio and... Lite • Free	 watsonx.governance AI / Machine Learning • Analytics Accelerate responsibility, transparency and explainability in your data and AI workflows Lite • Free
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Analytics

https://dataplatform.cloud.ibm.com/data/catalog?context=wx&target=wx&tearSheet_mode=true#

2:14 PM 7/31/2025



The screenshot shows the 'Associate service' dialog for the 'watsonx.ai Runtime' service. The service summary indicates it was created by IBM on July 23, 2025, in the Dallas region with a Lite plan. The 'Create' button is visible at the bottom left of the dialog.

Summary

watsonx.ai Runtime
Region: Dallas
Plan: Lite
Service name: watsonx.ai Runtime-qc
Resource group: Default

Create

Pricing plan
Displayed prices do not include tax. Monthly prices shown are for country or region: United States

Plan	Features	Pricing
Lite	Service instance Instance includes: <ul style="list-style-type: none">• 20 capacity unit-hours (CUH) per month• 50,000 tokens/data points per month	Free

The screenshot shows the 'Associate service' dialog with a list of available services. A checkbox next to 'watsonx.ai Runtime-qc' is checked. The 'Associate' button is highlighted in blue at the bottom right of the dialog.

Associate service
Choose an existing or add a new service to associate with your project.

Resource Groups ▾ Locations ▾

New service +

Name	Type	Plan	Location	Status	Group
watsonx.ai Runtime-qc ⓘ	watsonx.ai Runtime	Lite	Dallas	◆ Not associated	Default

Cancel **Associate**

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx | Agent Lab — Travel Planner AI Agent

IBM watsonx

Projects / Travel Planner AI Agent / Agent Lab

Build

AI Model: llama-3-3-70b-instruct

Agent preview

watsonx Agent 02:19 PM

Welcome to watsonx Agent

Change this description to reflect your particular agent

Type something...

Instructions

You are a helpful assistant that uses tools to answer questions in detail. When greeted, say "Hi, I am watsonx.ai agent. How can I help you?"

Knowledge

Tools

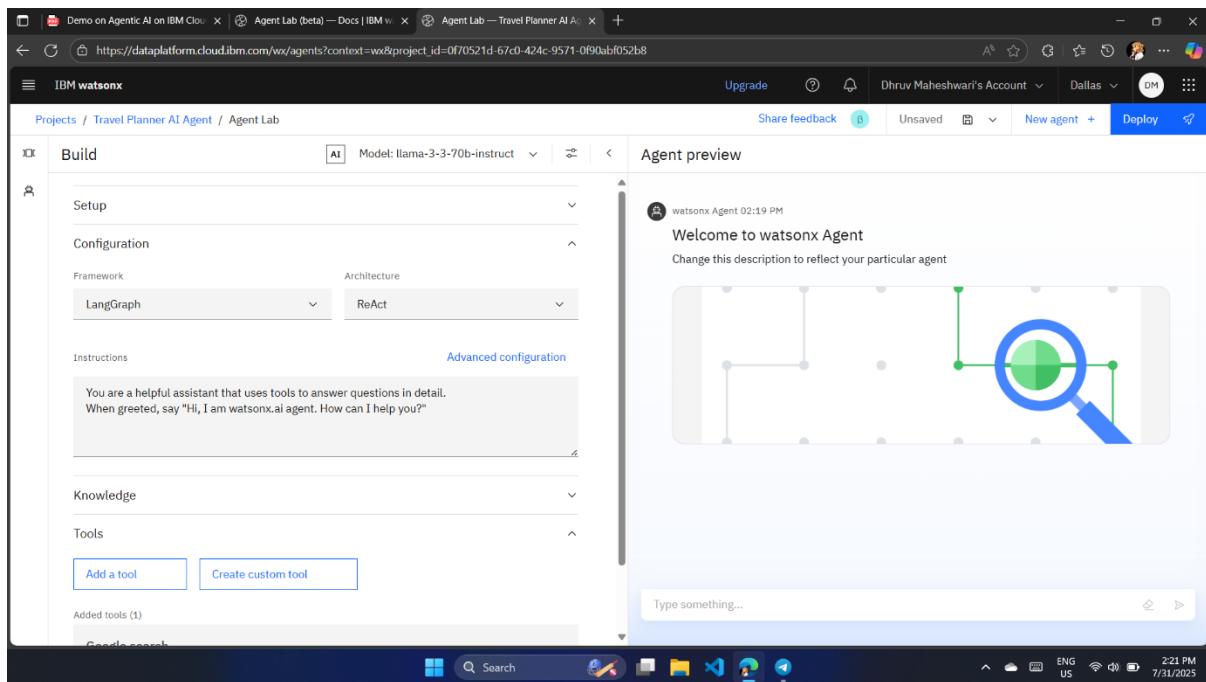
Add a tool Create custom tool

Added tools (1)

Google search

Search

ENG US 7/31/2025 2:21 PM



Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx | Agent Lab — Travel Planner AI Agent

IBM watsonx

Projects / Travel Planner AI Agent / Agent Lab

Build

AI Model: llama-3-3-70b-instruct

Agent preview

watsonx Agent 02:24 PM

Welcome to watsonx Agent

Change this description to reflect your particular agent

Type something...

Instructions

User Input Collection
Ask the user:
Travel start and end dates
Preferred destination (or offer suggestions)
Budget range

Knowledge

Tools

Add a tool Create custom tool

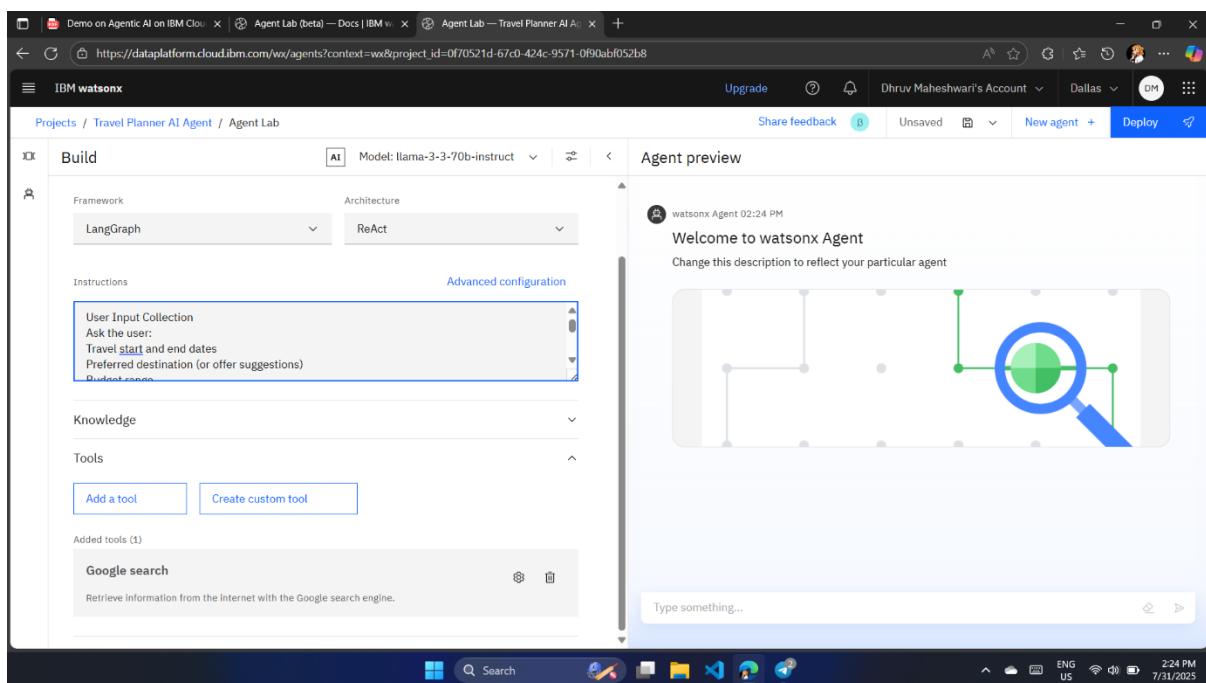
Added tools (1)

Google search

Retrieve information from the internet with the Google search engine.

Search

ENG US 7/31/2025 2:24 PM



Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent Lab — Travel Planner AI Agent

IBM watsonx

Projects / Travel Planner AI Agent / Agent Lab

Build

AI Model: llama-3-3-70b-instruct

Share feedback Unsaved Deploy

Agent preview

watsonx Agent 02:24 PM

Welcome to watsonx Agent

Change this description to reflect your particular agent

User Input Collection

Ask the user:
Travel start and end dates
Preferred destination (or offer suggestions)
Budget range

Advanced configuration

Instructions Knowledge Tools

Add a tool Create custom tool

Added tools (1)

Google search

Retrieve information from the internet with the Google search engine.

Type something...

Search

2:24 PM 7/31/2025

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent Lab — Travel Planner AI Agent

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Projects / Travel Planner AI Agent / Agent Lab

Share feedback Unsaved Deploy

Select a tool

Choose a tool to add to your agent.

Search for a tool

 Google search Retrieve information from the internet with the Google search engine.	 DuckDuckGo search Retrieve information from the internet with the DuckDuckGo search engine.	 Wikipedia search Retrieve information from Wikipedia articles.	 Document search Search documents with vector indexes.
 Tavily search Retrieve information from the internet with the Tavily search engine.	 Webcrawler Retrieve information from a website.	 Python Interpreter Execute Python code generated by the agent.	 Weather Retrieve the weather of a city.

Search

2:25 PM 7/31/2025

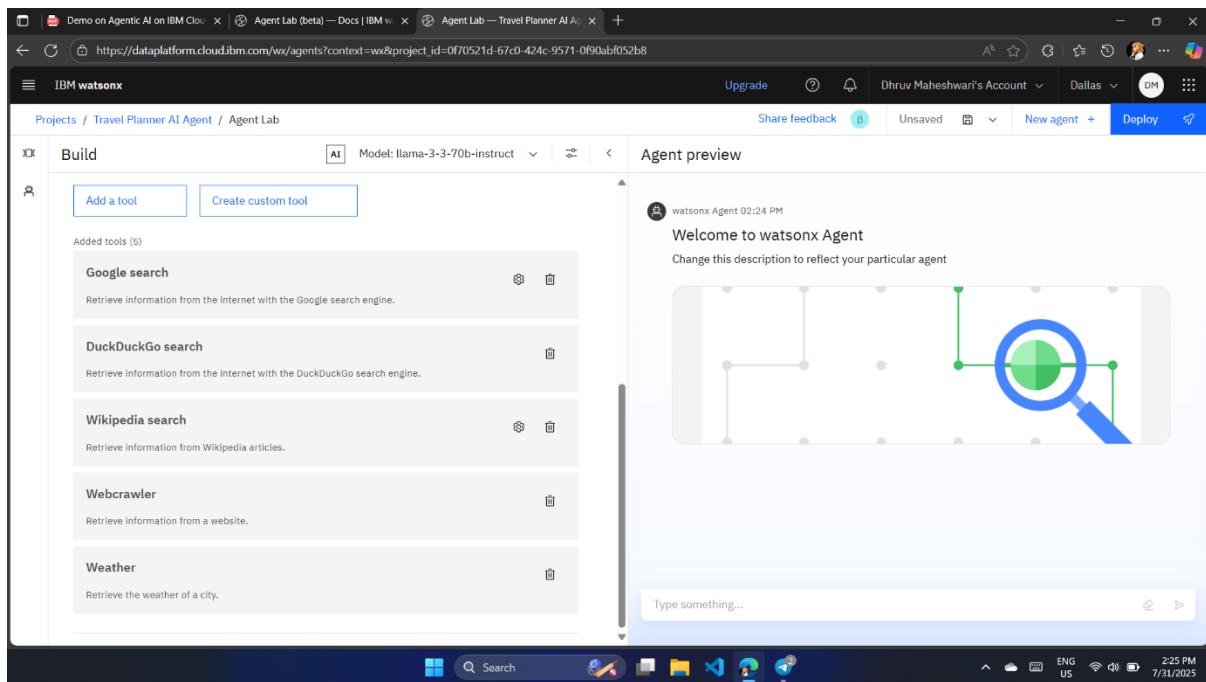
Screenshot of the IBM Watsonx Agent Lab interface showing the build configuration and agent preview.

Build section:

- Model: llama-3-3-70b-instruct
- Tools added:
 - Google search
 - DuckDuckGo search
 - Wikipedia search
 - Webcrawler
 - Weather
- Add a tool / Create custom tool buttons

Agent preview section:

- Watsonx Agent 02:24 PM
- Welcome to watsonx Agent
- Change this description to reflect your particular agent
- Type something... input field



Screenshot of the IBM Watsonx Agent Lab interface showing the build configuration and agent preview, with the "Save as" button highlighted.

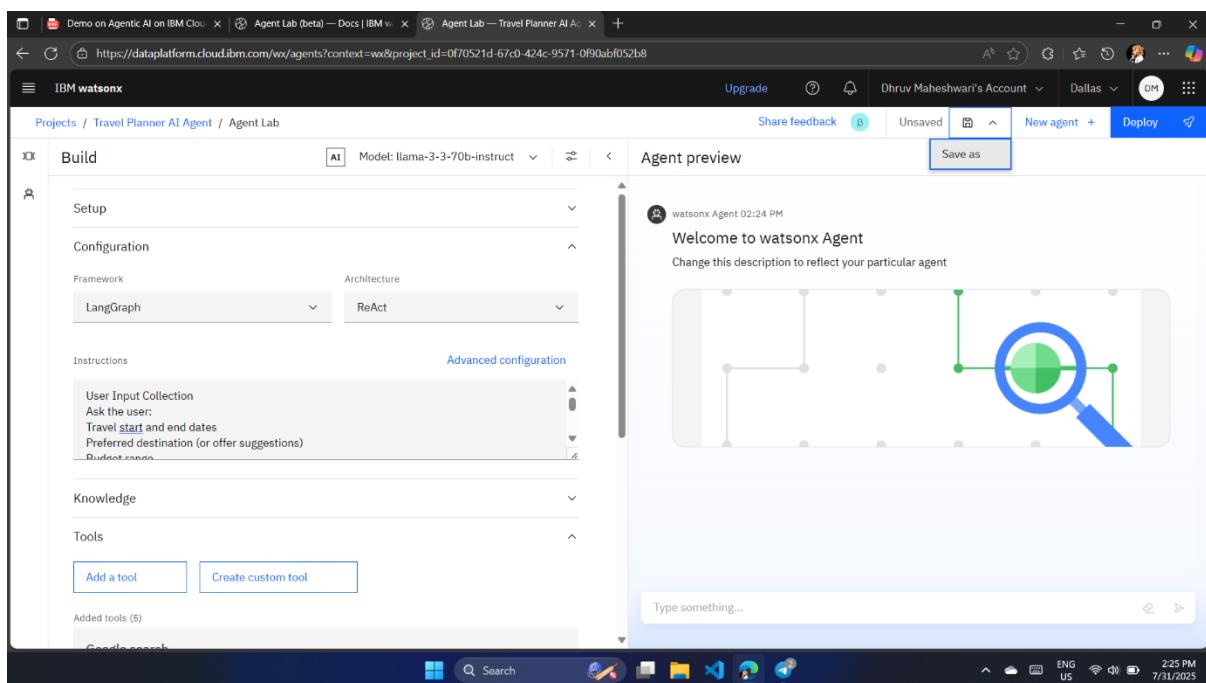
Build section:

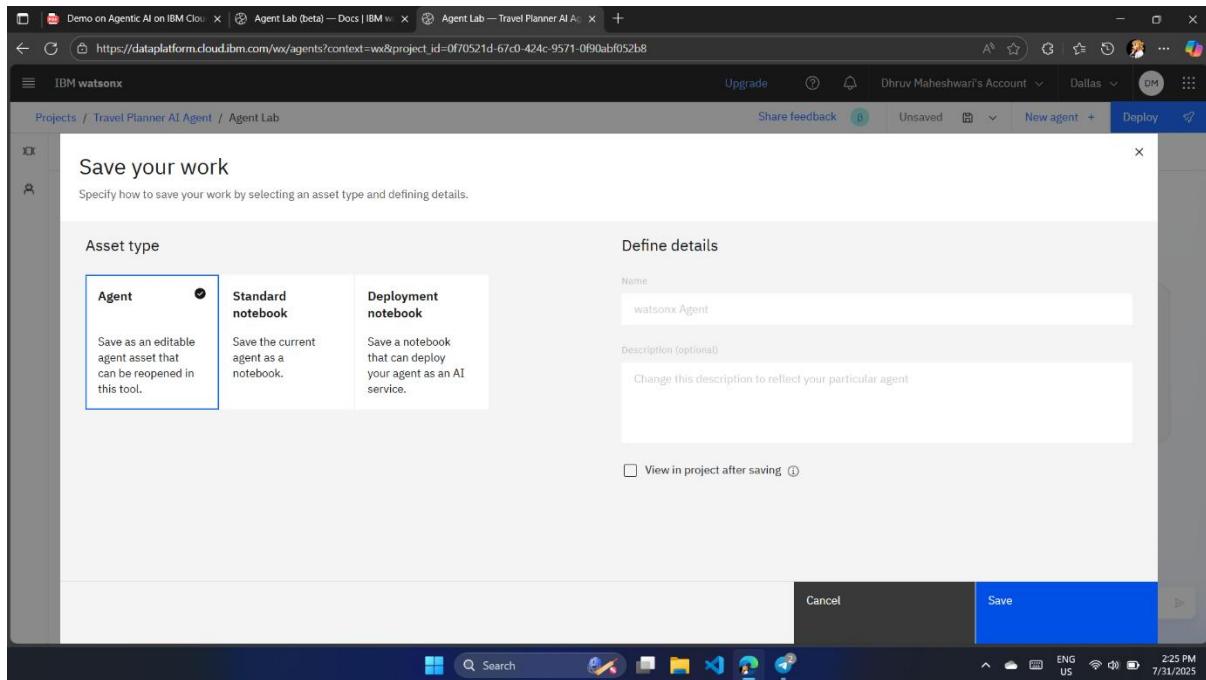
- Setup
- Configuration
 - Framework: LangGraph
 - Architecture: ReAct
- Instructions
 - User Input Collection:
 - Ask the user:
 - Travel start and end dates
 - Preferred destination (or offer suggestions)
 - Budget range
- Knowledge
- Tools
 - Add a tool / Create custom tool buttons

Agent preview section:

- Watsonx Agent 02:24 PM
- Welcome to watsonx Agent
- Change this description to reflect your particular agent
- Type something... input field

Save as button is highlighted in the top right corner of the Agent preview panel.





The screenshot shows the 'Agent preview' section in the IBM Watsonx Agent Lab. On the left, the 'Build' sidebar lists 'Setup', 'Configuration', 'Instructions' (with 'LangGraph' selected), and 'Tools'. Under 'Tools', there are buttons for 'Add a tool' and 'Create custom tool', and a link 'Added tools (5)'. On the right, the 'Agent preview' pane shows a conversation between a user ('You') and the agent ('watsonx Agent'). The user asks about travel to India. The agent responds with suggestions for 3-day trips to India, mentioning popular destinations like Delhi, Agra, and Jaipur, and providing links for booking hotels and flights. Below the conversation, there's a search bar with the placeholder 'Type something...'.

The screenshot shows the Watsonx Agent interface for a Travel Planner AI Agent. On the left, the 'Build' sidebar is open, displaying sections for 'Setup', 'Configuration', 'Instructions', 'Knowledge', and 'Tools'. Under 'Instructions', there are fields for 'User Input Collection' (Ask the user: Travel start and end dates, Preferred destination (or offer suggestions)) and 'Advanced configuration'. The 'Agent preview' panel on the right shows a list of travel tips and specific suggestions based on search results. A search bar at the bottom allows users to type in questions.

This screenshot shows the same Watsonx Agent interface after a user has asked for hotel recommendations. The 'Agent preview' panel displays a message from the user ('You: 02:30 PM Recommend best hotels in Jaipur') and a response from the agent ('watsonx Agent 02:30 PM Based on the search results, here are some of the best hotels in Jaipur:'). A list of 10 hotel names is provided. Below the list, a note explains that these hotels offer various amenities. The interface also includes a feedback section and a search bar at the bottom.

The screenshot shows the IBM Watsonx Agent interface for a Travel Planner AI Agent. The left sidebar contains sections for Build (Setup, Configuration, Instructions, Knowledge, Tools), Model (Model: llama-3-3-70b-instruct), and Architecture (LangGraph, ReAct). The right panel is titled "Agent preview" and shows a conversation. A user message "Tell me their cost" is responded to with a note about hotel price ranges in Jaipur. A follow-up message "Create 3 days plan for me" is shown at the bottom.

Share feedback i Upgrade i Dhruv Maheshwari's Account i Dallas i DM i Share feedback i Autosaved 2:31 PM i New agent i Deploy i

Build Model: llama-3-3-70b-instruct Agent preview

Share feedback i Upgrade i Dhruv Maheshwari's Account i Dallas i DM i Share feedback i Autosaved 2:31 PM i New agent i Deploy i

How did I get this answer?

You: 02:30 PM Tell me their cost

watsonx Agent 02:30 PM The cost of hotels in Jaipur varies depending on the hotel and the time of year. However, based on the search results, here are some approximate price ranges for hotels in Jaipur:

- Luxury hotels: ₹10,000 - ₹50,000 per night (approximately \$137 - \$685 USD)
- 5-star hotels: ₹5,000 - ₹20,000 per night (approximately \$69 - \$274 USD)
- 4-star hotels: ₹2,000 - ₹10,000 per night (approximately \$28 - \$137 USD)
- 3-star hotels: ₹1,000 - ₹5,000 per night (approximately \$14 - \$69 USD)
- Budget hotels: ₹500 - ₹2,000 per night (approximately \$7 - \$28 USD)

Please note that these are approximate price ranges and can vary depending on the hotel, location, and time of year. It's always best to check with the hotel directly or use a hotel booking website like Booking.com, Hotels.com, or Expedia to get the most up-to-date and accurate prices.

How did I get this answer?

Create 3 days plan for me

The screenshot shows the IBM Watsonx Agent interface for a Travel Planner AI Agent. The left sidebar contains sections for Build (Setup, Configuration, Instructions, Knowledge, Tools), Model (Model: llama-3-3-70b-instruct), and Architecture (LangGraph, ReAct). The right panel is titled "Agent preview" and shows a conversation. A user message "Create 3 days plan for me" is responded to with a 3-day itinerary for Jaipur. A text input field "Type something..." is at the bottom.

Share feedback i Upgrade i Dhruv Maheshwari's Account i Dallas i DM i Share feedback i Autosaved 2:31 PM i New agent i Deploy i

Build Model: llama-3-3-70b-instruct Agent preview

Share feedback i Upgrade i Dhruv Maheshwari's Account i Dallas i DM i Share feedback i Autosaved 2:31 PM i New agent i Deploy i

watsonx Agent 02:32 PM Here's a 3-day plan for your trip to Jaipur:

Day 1:

- Morning: Visit the Amber Fort, a UNESCO World Heritage Site and one of the most iconic landmarks in Jaipur.
- Afternoon: Explore the City Palace, which includes the Chandra Mahal and Mubarak Mahal palaces, as well as a museum and art gallery.
- Evening: Enjoy a traditional Rajasthani dinner and watch a cultural performance at a local restaurant.

Day 2:

- Morning: Visit the Hawa Mahal, also known as the Palace of Winds, which is famous for its intricate latticework and stunning views of the city.
- Afternoon: Explore the Jantar Mantar, an ancient astronomical observatory that features the world's largest stone sundial.
- Evening: Take a stroll through the bustling Johari Bazaar, where you can find everything from jewelry and textiles to souvenirs and street food.

Day 3:

- Morning: Visit the Jal Mandir, a beautiful temple located in the middle of the Man Sagar

Type something...

The screenshot shows the IBM Watsonx Agent interface for a Travel Planner AI Agent. The left sidebar contains sections for Build (Setup, Configuration, Framework: LangGraph, Architecture: ReAct), Instructions (User Input Collection: Ask the user, Travel start and end dates, Preferred destination or offer suggestions), Knowledge, and Tools (Add a tool, Create custom tool). The right panel is titled "Agent preview" and displays a 3-day travel plan for Jaipur:

- Day 2:**
 - Morning: Visit the Hawa Mahal, also known as the Palace of Winds, which is famous for its intricate latticework and stunning views of the city.
 - Afternoon: Explore the Jantar Mantar, an ancient astronomical observatory that features the world's largest stone sundial.
 - Evening: Take a stroll through the bustling Johari Bazaar, where you can find everything from jewelry and textiles to souvenirs and street food.
- Day 3:**
 - Morning: Visit the Jal Mandir, a beautiful temple located in the middle of the Man Sagar Lake.
 - Afternoon: Explore the Nahargarh Fort, which offers breathtaking views of the city and is a great spot to watch the sunset.
 - Evening: Enjoy a relaxing evening at your hotel or explore the local nightlife, which includes everything from bars and clubs to live music and dance performances.

A note states: "This is just one example of a 3-day plan for your trip to Jaipur, and you can customize it to fit your interests and preferences. Enjoy your trip!" A "How did I get this answer?" link is present. A search bar at the bottom says "Type something..."

The screenshot shows the IBM Watsonx Agent interface for a Travel Planner AI Agent. The left sidebar is identical to the first screenshot. The right panel is titled "Agent preview" and displays a weather forecast for Jaipur:

This is just one example of a 3-day plan for your trip to Jaipur, and you can customize it to fit your interests and preferences. Enjoy your trip!

▶ How did I get this answer?

DM You: 02:33 PM
Tell me the weather for coming in 3 days of Jaipur

watsonx Agent 02:33 PM
Based on the current weather conditions, here is the forecast for the next 3 days in Jaipur:
Day 1: Temperature: 27°C Rain: 0mm Relative humidity: 85% Wind: 6km/h
Day 2: Temperature: 28°C Rain: 0mm Relative humidity: 80% Wind: 7km/h
Day 3: Temperature: 29°C Rain: 0mm Relative humidity: 75% Wind: 8km/h
Please note that this is just a forecast and the actual weather conditions may vary. It's always a good idea to check the weather forecast again before your trip to get the most up-to-date information.

▶ How did I get this answer?

A search bar at the bottom says "Type something..."

The screenshot shows the IBM WatsonX Agent interface for deploying an AI service. A modal window titled "Deploy as an AI service" is open, prompting the user to create a user API key. The deployment name is set to "watsonx Agent". The target deployment space is "New deployment space". A note at the bottom left says, "Why don't I see all of my deployment spaces? ⓘ". The "Create" button is highlighted with a blue border.

The screenshot shows the "User API key" management interface. It displays a table with columns: Name, Creation date, and Status. There are no entries in the table. A "Create a key" button is located at the top right of the table area. Below the table, there is a message: "Start by adding a user API key. Click Create a Key to add a user API Key." The user profile at the top shows "Dhruv Maheshwari" and the email "dhruv.202304147@tulas.edu.in".

Dhruv Maheshwari
dhruv.202304147@tulas.edu.in
Edit IBMid profile

User API key is successfully created.
Your new key is stored in IBM Watsonx and IBM Cloud.

Name	Creation date	Status
cpd-apikey-IBMid-6930008306-2025-07-31T09:05:27Z	July 31, 2025 at 2:35:27 PM	Active

Deploy as an AI service

Create an online deployment. If you want to edit code in notebook format before deploying, save as a deployment notebook. [Learn more](#).

You must create a user API key. Click Create to open the API key page in a new tab.

Define details

Deployment name: watsonx Agent

Target deployment space: New deployment space + Reload

Why don't I see all of my deployment spaces? ⓘ

Description (optional): Change this description to reflect your particular agent

Cancel Deploy

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent — Travel Planner | Settings | IBM Watsonx

IBM Watsonx

Projects / Travel Planner AI Agent / watsonx Agent

Share feedback ⓘ Autosaved 2:33 PM

New agent + Deploy ⌂ ⓘ

Deploy as an AI service

Create an online deployment. If you want to edit code in notebook format before deploying, save as a deployment notebook. [Learn more](#).

Define details

Deployment name: watsonx Agent

Target deployment space: New deployment space + Reload ⌂

Why don't I see all of my deployment spaces? ⓘ

Description (optional): Change this description to reflect your particular agent

View in deployment space after deploying ⓘ

Cancel Deploy

https://dataplatform.cloud.ibm.com/ml-runtime/spaces/create-space?context=wx

Search ⌂ ENG US 2:36 PM 7/31/2025

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent — Travel Planner | Settings | IBM Watsonx

IBM Watsonx

Upgrade ⓘ Dhruv Maheshwari's Account Dallas ⌂

Create a deployment space

Use a space to collect assets in one place to create, run, and manage deployments

+ New Local file

Define details

Name: Agentic AI

Description (Optional): For Agentic AIs 15/100

Deployment stage: Development

Tags (optional): Find or create tags

Cancel Create

https://dataplatform.cloud.ibm.com/ml-runtime/spaces/create-space?context=wx

Search ⌂ ENG US 2:38 PM 7/31/2025

The screenshot shows the 'Create a deployment space' page on the IBM Watsonx platform. The form includes fields for 'Development' (selected), 'Tags (optional)', 'Storage' (Cloud Object Storage-zd), and 'watsonx.ai Runtime (optional)' (watsonx.ai Runtime-qc). A 'Create' button is visible at the bottom right.

The screenshot shows the same 'Create a deployment space' page, but now with a modal dialog titled 'The space is ready'. The dialog contains the message: 'You can go to the deployment space and add assets to it.' and 'Step 1 of 1: Creating deployment space.' A 'Go to space' button is at the bottom of the dialog. A 'Creation successful' message is also visible at the bottom right of the main page area.

https://dataplatform.cloud.ibm.com/ml-runtime/spaces/c3b8c6d4-3550-409e-bba2-6c47945da466/overview?context=wx

The screenshot shows the 'Overview' tab of the Agentic AI space. It includes sections for 'Jump back in' (Assets), 'Deployments' (0 Deployed, 0 Failed), 'Space history' (No notifications), and 'Job runs' (0 Active, 0 Failed last 24 hours). There are also 'View deployments', 'View jobs', and 'View all' buttons.

https://dataplatform.cloud.ibm.com/wx/home?context=wx

The screenshot shows the 'Welcome back, Dhruv' section. It features a large circular diagram illustrating AI workflows: 'Train, validate, tune and deploy AI models.' leads to 'Chat and build prompts with foundation models' (via 'Open in: Travel Planner AI Agent'), which then branches into 'Build an AI agent to automate tasks with Agent Lab' and 'Tune a foundation model with labeled data with Tuning Studio'. Below this is a 'Discover' section with links like 'Jump back in', 'Spaces / Agentic AI', 'Home / Settings', 'Travel Planner AI Agent / watsonx Agent', and 'Travel Planner AI Agent / Agent Lab'. A 'What's new' section is also visible.

Screenshot of the Watsonx Agent interface showing the "Agent preview" section. The preview displays a welcome message from "watsonx Agent 02:41 PM" and a "Welcome to watsonx Agent" heading. Below it is a description placeholder: "Change this description to reflect your particular agent". A large graphic of a magnifying glass over a green circle is shown. At the bottom of the preview area is a search bar with the placeholder "Type something...".

Screenshot of the Watsonx Agent interface showing the "Deploy as an AI service" step. The "Define details" section includes fields for "Deployment name" (set to "watsonx Agent"), "Target deployment space" (set to "Agentic AI"), and a "Description (optional)" field with the placeholder "Change this description to reflect your particular agent". A checkbox at the bottom left is checked with the label "View in deployment space after deploying". At the bottom right are "Cancel" and "Deploy" buttons.

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent — Travel Planner | Agent Lab — Travel Planner AI Agent

IBM watsonx

Projects / Travel Planner AI Agent / Agent Lab

Build

AI Model: llama-3-3-70b-instruct

Agent preview

Share feedback

Upgrade

Unsaved

New agent

Deploy

Watsonx Agent 02:41 PM

Welcome to watsonx Agent

Change this description to reflect your particular age

Type something...

Deployment has started

Your AI service deployment has started.

View status

Timestamp 2:41:48 PM

LangGraph ReAct

Instructions Advanced configuration

You are a helpful assistant that uses tools to answer questions in detail. When greeted, say "Hi, I am watsonx.ai agent. How can I help you?"

Knowledge

Tools

Add a tool Create custom tool

Added tools (1)

Google search

Search

ENG US 2:42 PM 7/31/2025

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent — Travel Planner | Watsonx Agent — Agentic AI | IBM Watsonx

IBM watsonx

Deployment spaces / Agentic AI / Watsonx Agent

Upgrades

Unsaved

New deployment

Deployment

Code Schema

Name Type Status Tags Last modified

watsonx Agent Online Deployed wx-agent 2 minutes ago Dhruv Maheshwari (You)

Items per page: 20 1–1 of 1 items

1 of 1 pages

https://dataplatform.cloud.ibm.com/ml-runtime/deployments/1179fb2d-8d67-4899-be4c-ee69a0970783?space_id=c3b8c6d4-3550-409e-bba2-6c47945da466&context=wx

Search

ENG US 2:44 PM 7/31/2025

This screenshot shows the 'About this deployment' section of the Watsonx Agent interface. It includes fields for Name (watsonx Agent), Description (Change this description to reflect your particular agent), Deployment Details (Deployment ID: 1f79fb2d-8d67-4899-be4c-ee69a0970783, Serving name: No serving name, Software specification: runtime-24.1-py3.11, Hardware specification: Extra extra small: 1 CPU and 2 GB RAM, Copies: 1), Tags (wx-agent), and Associated asset (watsonx Agent). The left sidebar lists Endpoints for inferencing (Private endpoint and Public endpoint) and Code snippets (cURL, Java, JavaScript, Python, Scala).

This screenshot shows the Watsonx Agent chat interface. A message from 'You' at 02:47 PM says 'Hi'. A response from 'watsonx Agent' at 02:47 PM says 'Hi, I am watsonx.ai agent. How can I help you?'. A message from 'You' asks '▶ How did I get this answer?'. Below the chat window is a text input field with placeholder text 'Type something...'. The interface includes standard Windows taskbar icons at the bottom.

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent — Agentic AI | IBM Watsonx

You 02:51 PM
Give me 3 days plan for visiting Uttarakhand

watsonx Agent 02:51 PM
Here's a 3-day plan for visiting Uttarakhand:

Day 1:

- Start your journey from Delhi and reach Haridwar (approx. 5 hours).
- Visit Har Ki Pauri, Mansa Devi, and Chandi Devi temples.
- Explore the local market and try some street food.

Day 2:

- Drive to Rishikesh (approx. 1 hour) and visit Triveni Ghat, Ram Jhula, and Parmarth Niketan.
- Try some adventure activities like river rafting, bungee jumping, or trekking.

Type something... ▶

2:51 PM 7/31/2025

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent — Agentic AI | IBM Watsonx

You 02:51 PM
Give me 3 days plan for visiting Uttarakhand

watsonx Agent 02:51 PM
Here's a 3-day plan for visiting Uttarakhand:

Day 2:

- Drive to Rishikesh (approx. 1 hour) and visit Triveni Ghat, Ram Jhula, and Parmarth Niketan.
- Try some adventure activities like river rafting, bungee jumping, or trekking.
- Visit the Beatles Ashram and explore the local cafes.

Day 3:

- Drive to Mussoorie (approx. 2.5 hours) and visit Kempty Falls, Gun Hill, and Lal Tibba.
- Explore the local market and try some street food.
- Visit the Mussoorie Lake and take a cable car ride to the top for a panoramic view.

This itinerary provides a mix of culture, adventure, and natural beauty, and can be customized based on your preferences and interests.

▶ How did I get this answer? ▶

Type something... ▶

2:51 PM 7/31/2025

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent — Agentic AI | IBM Watsonx

You 02:52 PM Suggest me best hotels under 10k in Haridwar and Rishikesh

watsonx Agent 02:52 PM Here are some of the best hotels under 10k in Haridwar and Rishikesh:

1. Lemon Tree Premier, Rishikesh - Prices start from around 6,000 INR per night.
2. Taj Hotels, Rishikesh - Prices start from around 8,000 INR per night.
3. Resorts in Rishikesh - Prices start from around 5,000 INR per night.
4. Budget Hotels in Rishikesh - Prices start from around 2,000 INR per night.

Please note that prices may vary depending on the time of year and availability. It's always best to check with the hotel directly or use a hotel booking website like MakeMyTrip or TripAdvisor to get the most up-to-date prices.

▶ How did I get this answer?

Type something... ▶

2:53 PM 7/31/2025

Demo on Agentic AI on IBM Cloud | Agent Lab (beta) — Docs | IBM Watsonx Agent — Agentic AI | IBM Watsonx

You 02:53 PM The weather forecast for the coming week is as follows:

- Monday: Partly cloudy with a high of 75°F and a low of 50°F
- Tuesday: Mostly sunny with a high of 80°F and a low of 55°F
- Wednesday: Scattered thunderstorms with a high of 70°F and a low of 50°F
- Thursday: Rain showers with a high of 65°F and a low of 45°F
- Friday: Partly cloudy with a high of 70°F and a low of 50°F
- Saturday: Mostly sunny with a high of 75°F and a low of 55°F
- Sunday: Scattered thunderstorms with a high of 70°F and a low of 50°F

Please note that this is just a general forecast and the actual weather conditions may vary depending on your location and other factors. It's always a good idea to check the weather forecast regularly for the most up-to-date information.

▶ How did I get this answer?

Type something... ▶

2:53 PM 7/31/2025