

Section 1 – Setup Amazon Q Business

The screenshot displays the AWS IAM Identity Center console. The top navigation bar shows the AWS logo, a search bar, and the account ID: 4420-0021-9611. The main content area is divided into two sections.

Amazon Q Business Applications

A blue banner at the top states: "Q Business applications may securely transmit data across Regions within your geography for processing. For more information, access [Amazon Q Business Documentation](#)." Below this, the "Applications" section shows a list of applications. A table lists the following application:

Name	Applicat...	Index ty...	Index n...	Creatio...	User acc...	Web ex...	Web ex...
CareerCoachAssistant	Created succe	Native	CareerCoa...	Aug 20, 20...	Authentica...	Deployed suc	https://w...

IAM Identity Center Groups

The "Groups" section shows the "CareerCoaches" group. The "General Information" tab is active, displaying "Users in this group (2)". A table lists the following users:

Username	Display name	Status	Email
career.coach.one	Career Coach One	Enabled	qbusiness@vocareum.com
career.coach.two	Career Coach Two	Enabled	qbusiness_2@vocareum.com

Section 2 – Create Application

Create basic application

AI Powered Career Coaching Assistant App

Analyzes CV vs job profile, finds skill gaps, and recommends training.

Add card

Share

File

Upload Resume/CV

sample-cv-01.docx

File

Upload Job Description

sample-job-description-01.docx

Output

Skill Gap Analysis

Career Gap Analysis: Cloud Solutions Architect – Generative AI Position

Job Description Summary

Key Responsibilities:

- Architect and design scalable Generative AI solutions on cloud infrastructure
- Engage with customers to translate business challenges into AI/ML solutions
- Develop best practices for AI model deployment including security and governance

Output

Training Recommendations

Tailored Learning Plan for Cloud Solutions Architect – Generative AI Position

Based on the skill gap analysis, I've created a customized learning plan to... the Cloud Solutions Architect – Generative AI role. Since I don't have access to specific course catalog data in this session, I'll provide recommendations based on commonly available courses that would address the identified

Run

Reset

Section 3 – Enhance your application

AI Powered Career Coaching Assistant App

Analyzes CV vs job profile, finds skill gaps, and recommends training.

Add card

Share

File

Upload Resume/CV

sample-cv-01.docx

File

Upload Job Description

sample-job-description-01.docx

Text input

Career Coach Notes / Recommendations

learner only has 3 hrs. per week

Output

Skill Gap Analysis

Career Gap Analysis: Cloud Solutions Architect – Generative AI Position

Job Description Summary

Output

Training Recommendations

Tailored Learning Plan for Cloud Solutions Architect – Generative AI Role

Based on the skill gap analysis and the learner's limited availability (3 hours per week), I've created a focused learning plan that prioritizes the most critical skills needed for the target role.

High Priority Skill Gaps

Output

Suggested Learning Schedule

36-Week Study Schedule for Cloud Solutions Architect – Generative AI Role

This personalized study schedule is designed for your limited availability of 3 hours per week, prioritizing high-impact skills first while ensuring a manageable and consistent learning pace.

Run

Reset

Solution exploration:

Uploaded files [Info](#)

Uploaded files (8)					Delete files	Add files
<input type="text" value="Search files"/>					< 1 >	
<input type="checkbox"/>	Document name	Upload time	Upload status	Status details		
<input type="checkbox"/>	Medicine-Course-Catalog-C.pdf	Dec 06, 2025, 8:35 AM PST	Indexed	Ready to use as a source		
<input type="checkbox"/>	Additional-Course-Catalog-B.pdf	Dec 06, 2025, 8:32 AM PST	Indexed	Ready to use as a source		
<input type="checkbox"/>	Medicine-Course-Catalog-A.pdf	Dec 06, 2025, 8:32 AM PST	Indexed	Ready to use as a source		
<input type="checkbox"/>	Medicine-Course-Catalog-B.pdf	Dec 06, 2025, 8:32 AM PST	Indexed	Ready to use as a source		
<input type="checkbox"/>	Additional-Course-Catalog-A.pdf	Dec 06, 2025, 8:32 AM PST	Indexed	Ready to use as a source		
<input type="checkbox"/>	link-to-udacity-digital-training-catalog...	Dec 06, 2025, 8:32 AM PST	Indexed	Ready to use as a source		
<input type="checkbox"/>	course_access_acl.json	Dec 06, 2025, 8:32 AM PST	Indexed	Ready to use as a source		
<input type="checkbox"/>	Other Training Catalog URLs.txt	Dec 06, 2025, 8:32 AM PST	Indexed	Ready to use as a source		

Data sources read:

AI Powered Career Coaching Assistant App

[Add card](#) [Share](#) [More](#)

sample-cv-01.docx

sample-job-description-01.docx

student has only 3 hrs. per week

Output

Skill Gap Analysis

Career Gap Analysis: Cloud Solutions Architect – Generative AI Position

Job Description Summary

Output

Training Recommendations

Tailored Learning Plan for Cloud Solutions Architect – Generative AI Role

(3 hours per week availability)

High Priority Skill Gaps

Output

Suggested Learning Schedule

[Sources](#)

Additional-Course-Catalog-B.pdf

Run

Reset

Section 4 – Tap into additional course catalog

Created s3 bucket

career4all-course-catalog-anandsr

Info

Objects

Metadata

Properties

Permissions

Metrics

Management

Access Points

Objects (2)

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

< 1 >

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	data/	Folder	-	-	-
<input type="checkbox"/>	link-to-udacity-digital-training-catalog.txt	txt	December 6, 2025, 09:03:40 (UTC-08:00)	31.0 B	Standard

Data source synced:

Data sources

Info

How it works

▼ Index

Index name

CareerCoachIndex

Index provisioning

1

Index ID

69f4b337-481e-4db5-8f1d-ed9dd81fec15

Index status

Active

Document count

8

Retriever ID

9f0bf64f-3c24-41a6-985f-8160bb0bf6a9

Last modified time

December 06, 2025, 09:08 (UTC-08:00)

Storage used

919.24 KiB

Retriever

Native retriever: Starter

Delete

Edit

Data sources (2)

Info

Sync now

Stop sync

Actions

Add data source

Search data sources

< 1 >

<input type="radio"/>	Name	Source	Data source state	Last sync time	Last sync status	Current sync state	Access Control List
<input type="radio"/>	S3CourseCatalogs	S3V2	Active	-	-	Idle	-
<input type="radio"/>	Uploaded files	FILE UPLOADER	-	-	-	-	-

Index tags (4)

Info

Manage tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key	Value
aws:cloudformation:stack-name	c167542a4306627112970820t1w285573937591

Setup daily sync:

Amazon Q Business

Applications

CareerCoachAssistant

Enhancements

Data sources

Data accessors [New](#)

Admin controls and guardrails

Amazon Q Apps [New](#)

Amazon Q embedded [New](#)

Integrations [New](#)

Document enrichments

Relevance tuning

Metadata controls [New](#)

Amazon QuickSight [New](#)

Response customization [New](#)

Actions

Plugins [Updated](#)

Insights

Amazon Q Business insights [New](#)

Amazon Q Apps insights [New](#)

Documentation [🔗](#)

Data source location

- ☒ This AWS account
☐ Other AWS account

Sync scope

Enter the data source location [Info](#)

Locate the S3 bucket where your data is stored.

[Browse S3](#)

Maximum single file size [Info](#)

Set the maximum file size for crawling. Files with size upto 10,240 MB for video files, 2,048 MB for audio files, 500 MB for PDF/Word/PowerPoint documents, and 50 MB for all other supported documents can get indexed. Note that req exceeding 30 MB won't be indexed. [Learn more about enabling video and audio.](#)

MB

Standard text documents: 500 MB max. If video/audio enabled: videos up to 10,240 MB, audio up to 2,048 MB.

Access control list (ACL) configuration file location - optional [Info](#)

Locate the ACL configuration file.

[Browse S3](#)

► Metadata files folder location - optional [Info](#)

Locate the folder that has your metadata JSON.

► Filter patterns - optional

Add a pattern to include only certain folders, or to exclude folders, file types or specific files in your repository. All paths are relative to the data source location S3 bucket. You can have a combined total of 100 patterns.

► Multi-media content configuration - optional

► Advanced Settings - optional [Info](#)

Sync run schedule

Tell Amazon Q Business how often it should sync this data source. You can check the health of your sync jobs in the data source details page once the data source is created.

Frequency

Select how often you want your data source to sync.

Start time

: (UTC)

Local 09:09 AM (UTC-8)

Amazon Q Business

Applications

CareerCoachAssistant

Enhancements

Data sources

Data accessors [New](#)

Admin controls and guardrails

Amazon Q Apps [New](#)

Amazon Q embedded [New](#)

Integrations [New](#)

Document enrichments

Relevance tuning

Metadata controls [New](#)

Amazon QuickSight [New](#)

Response customization [New](#)

Actions

Plugins [Updated](#)

Insights

Amazon Q Business insights [New](#)

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Documentation [🔗](#)

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[Browse S3](#)

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► Advanced Settings - optional [Info](#)

Sync run schedule

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Frequency

Select how often you want your data source to sync.

Start time

: (UTC)

Local 09:09 AM (UTC-8)

[Back](#)

[Update](#)

Sync history

Troubleshooting tools - new

Settings

Tags

IAM role

IAM role ARN

arn:aws:iam::285573937591:role/QBusinessDataRole

Sync scope

Data source bucket

s3://career4all-course-catalog-anandsr

Access control list configuration

-

Maximum single file size

50 MB

Multi-media content configuration

Text based content

► Include/Exclude file patterns

Include and exclude documents from indexing.

Account ID

285573937591

Metadata files folder location

-

Document deletion safeguard

Off

Sync schedule

Sync run schedule (UTC)

At 05:09 PM

Section 5 – Enhance security of your application

Created access control list(ACL) and applied

Sync scope

Enter the data source location

Locate the S3 bucket where your data is stored.

Q s3://career4all-course-catalog-anandsr

×

Browse S3

Maximum single file size

Set the maximum file size for crawling. Files with size upto 10,240 MB for video files, 2,048 MB for audio files, 500 MB for PDF/Word/PowerPoint documents, and 50 MB for all other supported documents can get indexed. Note that regardless of file type, any file with extracted text exceeding 30 MB won't be indexed. [Learn more about enabling video and audio.](#)

50

MB

Standard text documents: 500 MB max. If video/audio enabled: videos up to 10,240 MB, audio up to 2,048 MB.

Access control list (ACL) configuration file location - optional

Locate the ACL configuration file.

Q s3://career4all-course-catalog-anandsr/data/Security/course_access_acl_coach.json

×

Browse S3

► Metadata files folder location - optional

Locate the folder that has your metadata JSON.

► Filter patterns - optional

Add a pattern to include only certain folders, or to exclude folders, file types or specific files in your repository. All paths are relative to the data source location S3 bucket. You can have a combined total of 100 patterns.

► Multi-media content configuration - optional

► Advanced Settings - optional

```
[
  {
    "keyPrefix": "s3://career4all-course-catalog-anandsr/data/Medicine",
    "aclEntries": [
      {
        "Name": "career.coach.one",
        "Type": "USER",
        "Access": "ALLOW"
      }
    ]
  },
  {
    "keyPrefix": "s3://career4all-course-catalog-anandsr/data/Medicine",
    "aclEntries": [
      {
        "Name": "career.coach.two",
        "Type": "USER",
        "Access": "DENY"
      }
    ]
  }
]
```

Career-coach-two – Access:

- Before ACL applied:



show medical courses



Medical Courses Overview

The medical curriculum includes various courses across different semesters and specialties. In the third semester, students take Neuroscience and Neurology, which covers pathology, physiology, and structure of the brain, spinal cord, and nervous system. [1]

Evidence-Based Medicine is offered as part of the research curriculum, teaching students to develop clinical questions, search strategies, and critical appraisal of medical literature using online resources. [1]

Some medical schools require specific competencies in Biology (gene expression, cell structure, metabolism), Mathematics (statistics, data analysis), and Physics (mechanics, electricity, magnetism). [2] George Washington University recommends courses in Literature, Mathematics, and Physics. [2]

The University of Iowa requires two semesters of introductory Biology with labs plus an advanced course, three semesters of Chemistry including General and Organic with labs, two English courses, one advanced Mathematics or Statistics course, and two semesters of Physics with labs. [2]

Clinical Medicine curriculum consists of an eight-week research module followed by 72 weeks of clinical clerkships, including 42 weeks of required core rotations (Internal Medicine, Surgery, Pediatrics, Obstetrics, Psychiatry, and Geriatrics). [3]

Company knowledge

General knowledge



Ask a followup question



☒ Plugins

Advanced search ☐

Amazon Q Business uses generative AI. You may need to verify responses for accuracy. [AWS Responsible AI Policy](#)



- After ACL applied:



list down the medical courses



Based on the available course catalog information, there is only one medical-related course mentioned:

MED201: Material Science and Engineering (3-0-1, 4 credits), which appears in the First Semester curriculum with 20 credits. ^[1] This course is categorized under Engineering Sciences (ES). ^[1]

No other specific medical courses are found in the provided data source. The documents primarily contain information about Core Common Curriculum requirements, Computer Science courses, and basic curriculum structure at SNU.

▼ Events

▲ Sources



[Additional-Course-Catalog-B.pdf](#)



<https://career4all-course-catalog-anandsr.s3.us-we...amazonaws.com/data/Additional-Course-Catalog-B.pdf>

Updated December 6, 2025

Keyword blocking - Guardrails applied for keywords:



What do you know about gambling?



I cannot complete this request as the response contains content that is blocked by your Admin. Please contact your Admin for help.



Company knowledge



General knowledge



Ask a followup question



Plugins


Advanced search




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Section 6 – Share your application




Share your app




AI Powered Career Coaching Assistant App is shared with all. Everyone can access the app from the library.


 qbusiness@vocareum.com

Owner



Share with all
Everyone in this account can use







Edit categories
Tag published apps to be discovered in the library

Career Coaching


AI Powered






App link


<https://u3yv6ozy.chat.qbusiness.us-west-2.on.a...>



Q Business Library

Explore all that you can do with Q Apps and plugins to increase your efficiency

 Q Apps

 Plugins

- All Apps
- Legal
- Marketing
- Finance
- Operations
- HR
- IT
- Support
- Career Coaching
- Sales
- AI Powered

Career Coaching

AI Powered



AI Career Coaching Assistant

1 user | Published on December 7, 2025

AI-powered tool that analyzes skill gaps between your CV and job descriptions, then...



Open

Marketing

Operations

Support



Customer Complaint Response...

1 user | Published on December 5, 2025

Generates a polite, professional response to customer complaints that can be read over the...



Open

Career Coaching

AI Powered



AI Powered Career Coaching Assista...

1 user | Published on December 6, 2025

Analyzes CV vs job profile, finds skill gaps, and recommends training.



Open