1. **Screenshot of your final application, showing all the input and output cards.**

AI Powered Career Coaching Assistant App

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

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.

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

2. **Screenshot of your data sources, showing the last sync time.**

Amazon Q Business > Applications > CareerCoachAssistant > Data sources > S3CourseCatalogs > Update S3

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   Info

Enter the data source location | Info
Locate the S3 bucket where your data is stored.

🔍 s3://career4all-course-catalog-anandsr ✕   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 re 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 | Info
Locate the ACL configuration file.

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

▶ Multi-media content configuration - optional

▶ Advanced Settings - optional | Info

Sync run schedule   Info
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.
Daily ▼

Start time
17 ▼ : 09 ▼ (UTC)
Local 09:09 AM (UTC-8)

Data sources Info

▶ **How it works**

▼ **Index**

Delete   Edit

Index name
CareerCoachIndex

Index provisioning
1

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

Index status
⊘ Active

Document count
15

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

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

Storage used
1.07 MiB

Retriever
Native retriever: Starter

Data sources (2) Info

Sync now   Stop sync   Actions ▼   **Add data source**

🔍 Search data sources

‹ 1 › ⚙

	Name ▽	Source ▽	Data source state ▽	Last sync time ▽	Last sync status ▽	Current sync state ▽	Access Control List ▽
○	S3CourseCatalogs	S3V2	⊘ Active	December 08, 2025, 13:1...	⊘ Completed	Idle	-
○	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	c167542a4306627l12970820t1w285573937591

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

Account ID
285573937591

Access control list configuration
-

Metadata files folder location
-

Maximum single file size
50 MB

Document deletion safeguard
Off

Multi-media content configuration
Text based content

▶ **Include/Exclude file patterns**
Include and exclude documents from indexing.

Sync schedule

Sync run schedule (UTC)
At 05:09 PM

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3.   Screenshot of the prompt you used for Skill Gap Analysis Output card.

Output ✕

Title

Skill Gap Analysis

Prompt ⓘ

Type @ to reference a card

You are an expert career coach.
You are given:
- A learner's CV file:
`Upload Resume/CV`
- A target job description file:
`Upload Job Description`
Tasks:
1. Summarize the key responsibilities and required skills from the job description.
2. Summarize the learner's key skills, experiences, and strengths from the CV.
3. Identify and list the skill gaps and knowledge gaps between the learner and the job:
- Skills the learner partially has and needs strengthening
- Skills the learner does not have but are important for the role
4. Prioritize these gaps into High / Medium / Low impact on job readiness.
5. Suggest brief, concrete actions the learner can take for each High and Medium gap.
Format your answer with clear section headings and bullet points.

Output ✕

Title

Training Recommendations

Prompt ⓘ

Type @ to reference a card

You are an expert learning advisor for Career4All.
Inputs:
- Learner's CV:
`Upload Resume/CV`
- Job description:
`Upload Job Description`

- Skill gap analysis summary:
`Skill Gap Analysis`

- Consider the following notes from Career Coach:
`Career Coach Notes / Recommendations`
recommend a tailored learning plan.
Tasks:
1. List 5–10 most relevant courses or learning resources to close the key skill gaps.
2. For each course, provide:
- Course title
- Short description
- Which skill gap(s) it addresses
- Estimated effort (hours or weeks)
3. Group the recommendations by High / Medium / Low priority skill gaps.

Output ✕

Title

Learning Schedule

Prompt ⓘ

Type @ to reference a card

You are a learning coach.
Inputs:
- List of training recommendations:
`Training Recommendations`
- notes from the Career Coach:
`Career Coach Notes / Recommendations`
Create study schedule that:
- Prioritizes courses by impact (high before medium and low).
- Spreads the workload evenly week by week.
- Includes suggested number of hours per week and which courses to focus on.
- Mentions any suggested hands-on practice or projects.
Present the schedule as a week-by-week table with:
- Week number
- Courses / modules
- Estimated hours
- Target outcomes for that week.

Source ⓘ

Company knowledge ⌄

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4. Screenshot of the blocked words.

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 ⬈

Global controls Info

Response settings

Allow end users to send queries directly to the LLM
On

Allow Amazon Q to fall back to LLM knowledge
Off

Enable hallucination mitigation - *new*
Off

Status
✓ Active

Enable response personalization
On

Chat orchestration settings - *new*
Allow automatic routing to plugins and data sources
On

Feature settings

Allow end users to upload files in chat content
On

Allow end users of the web experience to create and use Amazon Q Apps
On

▼ **Blocked words (4)**

Word
Gambling
Casino
Self-harm
Attack

5. ACL file uploaded

```
[
    {
        "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"
            }
        ]
    }
]
```