① Folder Structure.

→ Agents, MCP ← Next Project

② Notebook setup ← experiment.

③ RAG → Architecture ← CORE CONCEPT

④ Logging ✓

⑤ Exception ✓

⑥ Config, Utils ✓

⑦ Documents - analysis ✓

⑧ Doc Comp , multidoc chat , Single doc chat   Dev   Deployment CI/CD

Logging ⇒ **Log the info of the execution**

whatever is happening throughout the execution

Python code

$a = 10$ ←
$b = 20$ ←
$c = a * b$ ←
$D = c + 30$
Print (D)

OIP ⇒ 230

info a
info b
info c
info D

OIP

execute this code

Log the info ←

Production ⇒

① Custom log file ← .txt , .PDF , .Doce

② Python gives logging module

→ Stdout log
→ wsgaru ✓
→ logging ←

log File

Customization

DEBUGGER

① Logger

It's for Local
Practice →

{ Python logging
Stack.log

in Physical File
over the Console ←

In Prod Code
we don't write
Print () Statement

Streamhandlar ← Logger

(AZURE)

Cloud → { ELK
ECS Los
Cloud watch

(AWS) →

TRACE the execution of App
→
debug ← real time
code

② Exception

Run time error in Python
→

{ try
except.
=
↑
builtin exception class for
specific exception

{ Config those builtin
exception }

{ Created a custom }
exception

↳ for debug the app in
more better way

↳ error message line no.
file name   complete traceback

Runtime error

(Any error)

debug our app →