LANGCHAIN is a rimplified
framework that simplifies the process
of LIM powered Apps
Langchoun has
-) tools 2/
-7 Abstration S
-> Building am LLM App isn't straight-forward Tour Data
User -> LLM - History
I IP
2 nores
Other Google
Search Search
-> To build an interingent Applike above, you will
need Lang Chain.
-> Long Chain has name interface across
all LLM rendors
-> Long Cheun (LC) have prompt management
Long cream cot on we right ton
, optimation, residuation
7 LC also par document to orders (. pdf,
word, emails, etc
-> LL supports tool calling, etc
-7 LC creates abstraction
-> 2C creates abstraction "chains".
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PrompTemplate:
Recompt is input to LLM (instructions
tdet2)
PromptTemplate helps to translates
wer inputs, parameters into itstruten
for LLM
Dictionary (Key: Value)
Prompt Template
Prompt Volue
] ilb to LLM: grouded prompt
LLM
Chat Models:
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ChatModels
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Chatmada
$\frac{1}{2}$
Musage OIP
> They also support:
→ fool calling
-> Structured OFP
-> Muterned at ipp ofp.
-> By Combing prompt templates,
chatmodely, we can passitate to
LLMS-
-7 We can combine this with external APIS;
pdf readers, the writers, etc
in Long Chain to properly make an
Applicate
-> We can combine / Chain all there together
5

to make an Application

Task:
-> We want to build a popular person
information sommerizer.
-> This is how you would don't way
Long Cherin madules.
information = · · · ·
some intornation about en
Popular pernon
Summary_template=
given the information: { information}
about a person, I want you create:
1. A Short Summery
2- two intersty touts
sommarg-prompt-template - PromptTemplate
input_vanables = ['intermetion]
template = summerry template)
(m = (hat OpenA] (temperateure=0,
model_nome = gpt-3.5-tur
Chain = Summary - prompt-template Dum
† pipe ny mb t
7es = Chein·invoke (input = { information:
(My = 2
prot(res)