Blog post recommendation initial design:

Recommendations

user_id

post_ids

Recommendation data
from our model prediction

Sample blog post

post_id

Title

Content

Author

MongoDB

ML model processing tool
(eg: databricks)

Reads/ Writes

Blog data stored

User data

User_Info

user_id

username

isactive

DataLakeStorageGen2

Reads/ Writes

User_Activity_Feed

activity_id

activity_code

post_id

user_id