

Day73 - April 18th 2024

1. Started my day as usual
2. Solved **155. Min Stack** on leetcode

Please find my soln and approach here :

<https://docs.google.com/document/d/1WnjcR9sZ-Wb27SMThfNEzwO3OYqWL1MN-pfGqrAEus/edit?usp=sharing>

3. Started working on Azure CICD Pipeline

Please find my learning doc here:

https://docs.google.com/document/d/1pe1ODyw0HgLJQHxUiPrZTaWc3Mb_v-G3Vfjkq4kkXkU/edit?usp=sharing

The screenshot shows a desktop environment with two main windows. On the left is a YouTube video player showing a video titled "Master Azure Databricks CI/CD in 2 Hours with Azure DevOps | Full End-to-End CI/CD Project in Azure" by Mr. K Talks Tech. The video has 22K views and was posted 6 months ago. On the right is a Google Docs document titled "4-18-24_Azure Databricks CI/CD". The document contains a table of resources and a section about creating a CI/CD pipeline.

Name	Type	Owner	Created
azure-devops	workspace	Kishor Kumar	4/18/2024
azure-devops	workspace	Kishor Kumar	4/18/2024
azure-devops	workspace	Kishor Kumar	4/18/2024

4. And now inside databricks resource in our prod..we dont have any notebooks

5. So now we'll be creating a CI/CD pipeline..which

- 4.
5. Ended my day by solving complex SQL question from Youtube

SQLQuery1.sql - KAUSHI\SQLEXPRESS.master (KAUSHI\iamka (60)) - Microsoft SQL Server Management Studio

Object Explorer: KAUSHI\SQLEXPRESS, Databases, Security, Server Objects, Replication, Management, XEvent Profiles

```
--create table employee1
(
emp_name varchar(10),
dep_id int,
salary int
);

--insert into employee1 values
('Siva',1,30000),('Ravi',2,40000),('Prasad',1,50000),('Sai',2,20000)

--Q : Write a query to print highest and lowest salary emp in each department

--select *
from employee1;
```

Results: 105 %

emp_name	dep_id	salary
Siva	1	30000
Ravi	2	40000
Prasad	1	50000
Sai	2	20000

Query executed successfully. KAUSHI\SQLEXPRESS (16.0 RTM) KAUSHI\iamka (60) master 00:00:00 4 rows

SQLQuery1.sql - KAUSHI\SQLEXPRESS.master (KAUSHI\iamka (60)) - Microsoft SQL Server Management Studio

Object Explorer: KAUSHI\SQLEXPRESS, Databases, Security, Server Objects, Replication, Management, XEvent Profiles

```
--with cte as(
select *,row_number() over(partition by dep_id order by salary desc) as row_desc,
row_number() over(partition by dep_id order by salary) as row_asc from employee1)
select dep_id,
min(case when row_desc = 1 then emp_name end) as max_sal_emp,
min(case when row_asc = 1 then emp_name end) as min_sal_emp
from cte
group by dep_id
```

Results: 105 %

dep_id	max_sal_emp	min_sal_emp
1	Prasad	Siva
2	Ravi	Sai

Query executed successfully. KAUSHI\SQLEXPRESS (16.0 RTM) KAUSHI\iamka (60) master 00:00:00 2 rows