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## Comparative Analysis of Execution Time

### Simple Queries -

No.	Query	HIVE	PIG
1	Select all records where Age is greater than 40	3.661 sec	2.36 min
2	Find the average Billing_Amount for each Hospital	18.658 sec	2.48 min
3	Find the number of patients by Insurance_Provider.	19.782 sec	2.44 min
4	Select Name and Room_Number for patients who are admitted with a certain Medical_Condition.	0.267 sec	2.38 min
5	Retrieve distinct Gender values.	16.328 sec	2.53 min
6	Select the top 10 Billing_Amount values.	17.223 sec	11.22 min
7	Find the average Age of patients by Doctor.	20.808 sec	3.01 min

### Complex Queries -

No.	Query	HIVE	PIG
1	Identifying the Top 5 Most Expensive Admissions (Based on Billing Amount) Along with Patient Details	17.708 sec	10.51 min
2	Filter records with specific Discharge_Date and Medical_Condition.	0.254 sec	2.43 min
3	Group data by Admission Type and calculate the average Billing_Amount.	22.07 sec	3.01 min
4	Find the total Billing_Amount for each Room Number where the condition is Arthritis.	20.781 sec	2.51 min
5	Find the records where Billing_Amount is above a threshold (e.g., 5000).	1.668 sec	2.45 min
6	Finding the Number of Patients per Medical Condition, Grouped by Gender, and Sorted in Descending Order	39.325 sec	8.34 min
7	Union two different conditions and calculate the total number of records.	20.356 sec	2.49 min