Operation Analytics and Investigating Metric Spike

SQL Project Report

Description

Operation Analytics and Investigating Metric Spike with basics and fundamentals of SQL (Structured Query Language).

Approach

Case Study 1 (Job Data)

We have created a database on Jobs having data tables Table-1: job_data

Case Study 2 (Investigating metric spike)

We have created a database on Instagram having data tables Table-1: users, Table-2: events, Table-3: email_events

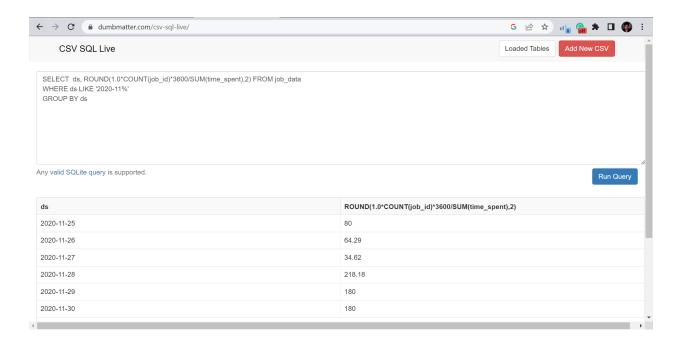
Tech Stack Used

Online Platform - dumb matter (https://dumbmatter.com/csv-sql-live/)
Database - MySQL v5.7

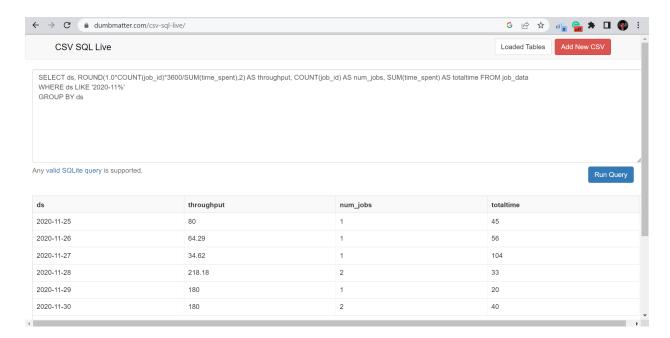
Insights & Results

Case Study 1 (Job Data)

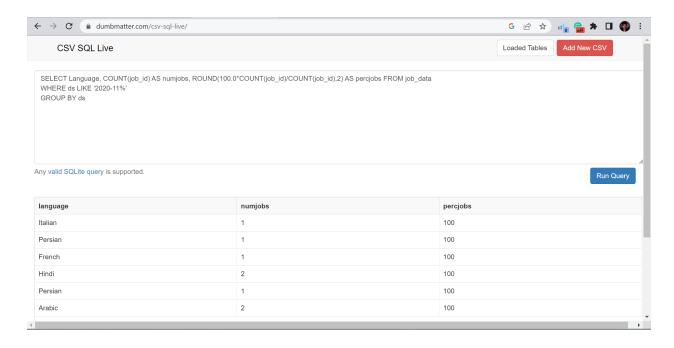
• Number of jobs reviewed



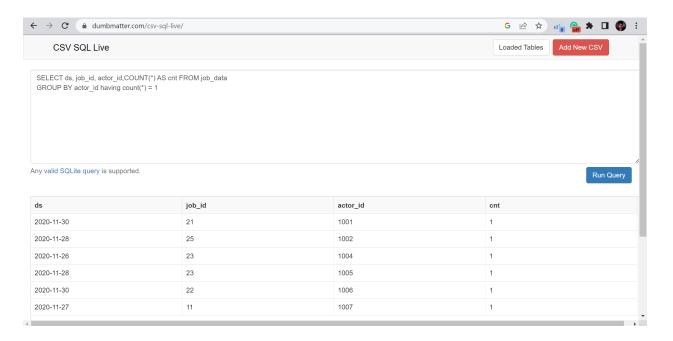
Throughput



• Percentage share of each language

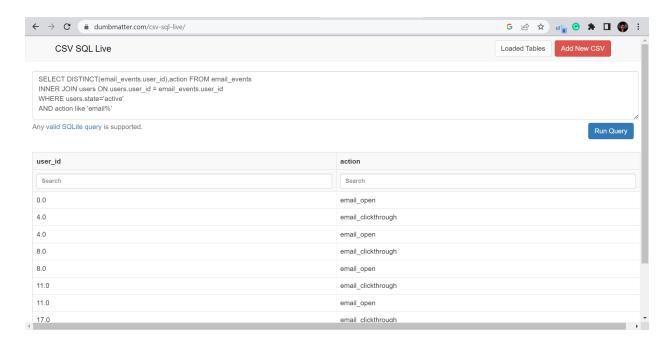


Duplicate rows

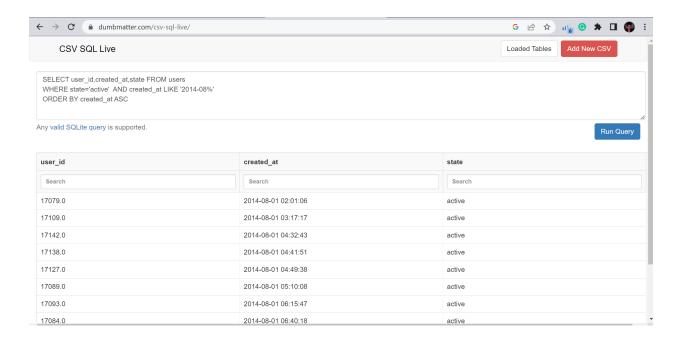


Case Study 2 (Investigating metric spike)

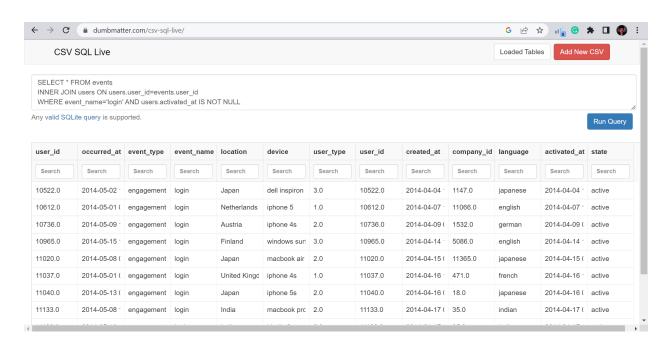
• User Engagement



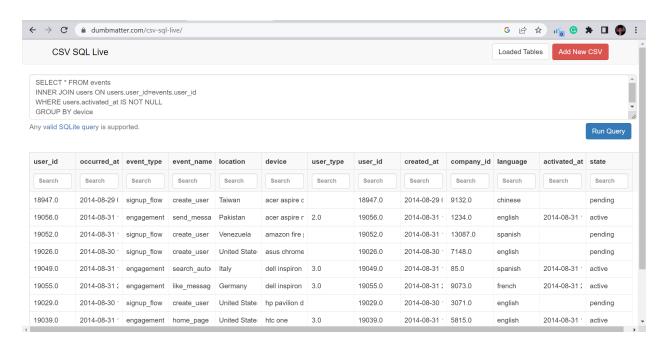
User Growth in AUG'22



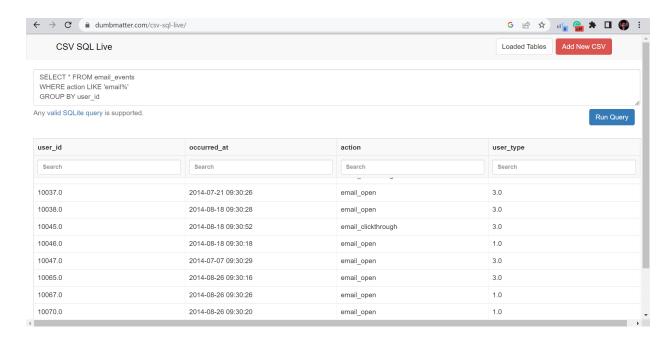
Weekly Retention



Weekly Engagement



Email Engagement



Operation Analytics and Investigating Metric Spike By - Sangam Mahajan