**WEEK 2 Objectives:**

* Select
* Group By
* Sub-Queries

**TASK 1: First, watch the following 21 Kudveknat SQL Vidoes.**

Here are Kudvenkat Videos’ links to watch:

1. [SQL Select statement](https://www.youtube.com/watch?v=R9pXnHIFj_8&list=PL08903FB7ACA1C2FB&index=10)
2. [Select into in sql server](https://www.youtube.com/watch?v=1XQHULQcjG0&list=PL08903FB7ACA1C2FB&index=97)
3. [Group By in SQL Server](https://www.youtube.com/watch?v=FKSSOpQe5Jc&list=PL08903FB7ACA1C2FB&index=11)
4. [Difference between where and having in sql server](https://www.youtube.com/watch?v=15ndzPfa6-E&list=PL08903FB7ACA1C2FB&index=98)
5. [Different ways to replace NULL](https://www.youtube.com/watch?v=4ZoHY4RT1Fo&list=PL08903FB7ACA1C2FB&index=15)
6. [Coalesce function](https://www.youtube.com/watch?v=AzkHAO4JzNQ&list=PL08903FB7ACA1C2FB&index=16)
7. [Union and Union All](https://www.youtube.com/watch?v=9w5uRCFOiTo&list=PL08903FB7ACA1C2FB&index=17)
8. [SQL Server except operator](https://www.youtube.com/watch?v=wAj02hGQYs8&list=PL08903FB7ACA1C2FB&index=87)
9. [Intersect operator in sql server](https://www.youtube.com/watch?v=GfQD28ektk8&list=PL08903FB7ACA1C2FB&index=89)
10. [Built in string functions](https://www.youtube.com/watch?v=qJFr-R76r9A&list=PL08903FB7ACA1C2FB&index=22)
11. [Left, Reight, Charindex and Substring functions](https://www.youtube.com/watch?v=vN4sy5nHn6k&list=PL08903FB7ACA1C2FB&index=23)
12. [Replicate, Space, Patindex, Replace and Stuff functions](https://www.youtube.com/watch?v=ALnM6d7OQUs&list=PL08903FB7ACA1C2FB&index=24)
13. [DateTime functions](https://www.youtube.com/watch?v=6_95vbBrrXI&list=PL08903FB7ACA1C2FB&index=25)
14. [IsDate, Day, Month, Year and DateName functions](https://www.youtube.com/watch?v=kgefKDQ0_1g&list=PL08903FB7ACA1C2FB&index=26)
15. [DatePart, DateAdd and DateDiff functions](https://www.youtube.com/watch?v=eYsizQVa_EU&list=PL08903FB7ACA1C2FB&index=27)
16. [Convert and Cast functions](https://www.youtube.com/watch?v=8GHUfb5k-a8&list=PL08903FB7ACA1C2FB&index=28)
17. [Mathematical functions](https://www.youtube.com/watch?v=gJ4PDXFHjbc&list=PL08903FB7ACA1C2FB&index=29)
18. [Subqueries in sql](https://www.youtube.com/watch?v=JtmfAGM4pfc&list=PL08903FB7ACA1C2FB&index=59)
19. [Correlated subquery](https://www.youtube.com/watch?v=Ra3ISwvcFlM&list=PL08903FB7ACA1C2FB&index=60)
20. [List all tables in a sql server database using a query](https://www.youtube.com/watch?v=z1HFiXt6KKQ&list=PL08903FB7ACA1C2FB&index=65)
21. [Alter database table columns without dropping table](https://www.youtube.com/watch?v=eQu_kRlvinE&list=PL08903FB7ACA1C2FB&index=67)

**TASK # 2: Install TSQLV4 database by running TSQLV4.SQL script provided in the attachments.**

**TASK # 3: Complete 22 HW Exercise questions (listed in a sperate Week2-Exercises.sql file attachment) and send Aslon the script that contains your answers.**