

# Databases Laboratory 3: Intermediate SQL

DS4001, Halmstad University

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## Introduction

The objective of this lab is to practice your skills in SQL queries. As an extension of the first lab, you will be querying more information from the given real-world database.

## Task 1 - Title Statistics

1. List all title types in the database.
2. How many titles are there in each type?
3. Which title has the longest runtime, and what is its type?
4. List the title with longest runtime in each type, with the runtime duration.
5. List the number of titles premiered in each year.
6. List the number of titles premiered in every decade.
7. Compute the percentage of the amount of movies premiered in each decade.

## Task 2 - Dubbed Titles

1. List the title id of a movie named “Top Gun”.
2. Acquire a list of entries (dubbed titles) of movie “Top Gun” in table akas. How many dubbed titles are there for this movie?
3. List the top 10 dubbed titles and the number of dubbed entries in akas.

## Task 3 - Crew

1. Who worked with Tom Cruise, in the movie “Top Gun”?
2. List number of persons who have worked with Tom Cruise, in any title.

## Grading Criteria

- Your submission (on blackboard) should include a .zip file of **code** (i.e. .sql scripts) and a **report** of what you have done, observed and learned.