# General Assembly Lesson 1

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Use the appropriate SQL queries to find answers to the following questions:

1. Find all of the Triple Crown (Award) winners ever in Major League Baseball, with their complete batting stats for the given year. Order the results in descending order first by batting average, then by RBIs, and lastly by home runs.

SELECT

(BattingPost.H / BattingPost.AB) as b\_avg,

BattingPost.\*, AwardsPlayers.awardID

FROM AwardsPlayers

INNER JOIN BattingPost

ON AwardsPlayers.playerID=BattingPost.playerID AND

AwardsPlayers.yearID==BattingPost.yearID

WHERE AwardsPlayers.awardID=’Tripple Crown’

ORDER BY

B\_avg DESC, BattingPost.RBI DESC, BattingPost.HR DESC

Calculate the number of MVPs and Triple Crown winners by position ever in major league baseball.

Calculate the number of MVPs and Triple Crown winners by team ever in major league baseball.

Calculate the average batting average, RBIs, and home runs by position ever in major league baseball. Only consider seasons where a player had at least 300 at-bats (AB).

Return all player info for all players that won an MVP and a Gold Glove during their careers, along with the number of times they won each.

Calculate the number of world series, division titles, and league championships for all teams.

Calculate the average salary (as a percentage of yearly average) of all MVPs ever in major league baseball.

Use the statistics available at [Baseball-Reference](http://www.baseball-reference.com/players/c/cabremi01.shtml) to add Miguel Cabrera's 2012

Triple Crown season to your Database. Make sure to add the appropriate information to all relevant tables.

Try to solve as many of these problems as you can. Some might be quite complex, feel free to stop if you feel that you have a good handle on SQL.