

Project Assignment - Part 2

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Introduction

In **Part 2** of the project you are required to solve some problems on the database you created in Part 1. Solve the exercises using Sequel Server Integration Services (SSIS) with computation on client side (i.e., do not use any sql command in the nodes, only standard SSIS nodes). Each group has to solve only three assignments. Look at the section with your groupid to find what assignments you need to do. Deliver your project with all the required packages in a single .zip folder, named LDS_Part2_groupid.zip.

Groups from 1 to 12

Assignment 0

For every year, the tournaments ordered by spectators

Assignment 1

For any given player, his or her "nemesis" is the player against whom he or she lost most matches. List every player with the respective nemesis and the number of matches lost.

Assignment 2

For each year, the name of the tournament with more matches played.

Groups from 13 to 24

Assignment 0

For every tournament, the players ordered by number of matches won.

Assignment 1

A tournament is said to be "worldwide" if no more than 30% of the participants come from the same continent. List all the worldwide tournaments.

Assignment 2

For each country, list all the players that won more matches than the average number of won matches for all players of the same country.

Groups from 25 to 36

Assignment 0

For every country, the players ordered by number of matches won.

Assignment 1

A match is said to be an "age mismatch" if the difference in years between the winner and the loser is more than 6.0. For each year, list the player that participated in the most age mismatches.

Assignment 2

Calculate for each player the total number of spectators that he performed in front of (assume for each match the same number of spectators as the respective tournament).