

# Project Assignment - Part 2

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## Introduction

In **Part 2** of the project you are required to answer some business questions 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, 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 8

### *Assignment 0*

For every year, the brand of gpu ordered by sales

### *Assignment 1*

For any given country, a product is said to have *full regional spread* if it was sold in all the regions of that country. List all the AMD brand cpus that do not have full regional spread in Germany.

### *Assignment 2*

Calculate which processor manufacturer yields the most sales, for each country and year.

## Groups from 9 to 16

### *Assignment 0*

For every vendor, the brand of cpu ordered by sales

### *Assignment 1*

A vendor is said to be *franchised* if more than 60% of his sales come from the same brand of product. List all the vendors that are *franchised* to a brand of ram.

### *Assignment 2*

List the memory type of gpus that sold more than the average sales for gpus, for each month.

## Groups from 17 to 26

### *Assignment 0*

For every region of Germany, the brand of ram ordered by sales

### *Assignment 1*

For every brand of gpu, calculate the ratio between sales during weekdays and sales during the weekend.

### *Assignment 2*

Calculate which type of product, cpu, gpu or ram, yields the most sales for each continent.