

# QlikView Demo Example Task

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## Objective

This assignment will prove your ability of building a basic QlikView application. The application will be evaluated based on the following criteria;

1. Script logic
2. Data model
3. Data presentation (Business Intelligence)
4. Visual Design skills
5. Creativity

## Before starting

1. Download an evaluation copy of QlikView Desktop and Tutorian from [www.qlikview.com](http://www.qlikview.com) and install the **complete** version.
2. Utilize tutorial materials and other documentation.
3. Utilize QlikView Community if necessary ([www.community.qlikview.com](http://www.community.qlikview.com)).

## Project

Create a QlikView application (.qvw) that is appealing to end users and has Business Intelligence in it. The databases are provided. The procedures are:

1. Load data
  - a. Access Database - DB.mdb
    - i. Customers
    - ii. Products
    - iii. Orders
    - iv. OrderDetails
  - b. Excel Sheet – Employess.xls
    - i. Employee
2. Create GUI with appropriate objects to present the analytics. The application may include sheets of
  - a. Dashboard
  - b. KPI (Key Performance Indicator)
  - c. Product
  - d. Customer etc

## Requirements

The following requirements need to be implemented in the application.

- Modifying the databases is not allowed
- Proper data modeling
- Basic measurements
  - Gross Sales = [UnitPrice] \* [Quantity]
  - Net Sales = ([UnitPrice] \* [Quantity]) \* (1-Discount)
  - Quantity = Quantity
- Create fields for Year and Month

## Nice to add (Not required)

- Read Suppliers from XML file and provide extra analysis
- Read only the current 3 years of data using a variable (No hard-coding)
- Read only salesmen (all employees who have sales) from Employees table

Note: Be creative and show off your skills.