Natural Joins Make for Easy Data Models



Mike Reagan
www.FortuneCookieBl.com

Data Model Goals

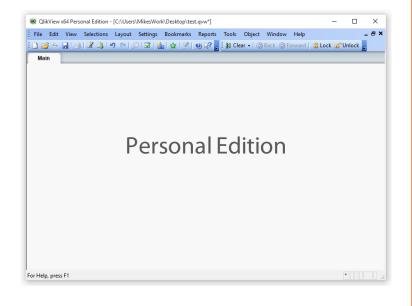
Excel QVDs Defaults



To err is human. But to really foul things up, you need Excel.

http://spreadsheetpage.com

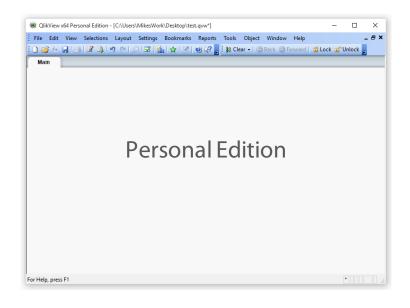




It's FREE!

– Nada, Ничего, Ingenting, Nothing

Swedish, just like QlikView

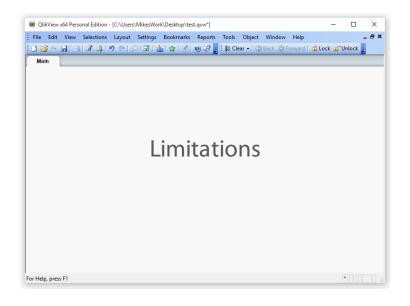


It's FREE!

– Nada, Ничего, Ingenting, Nothing

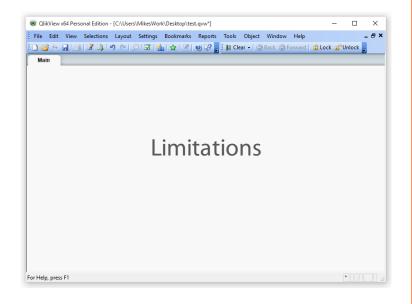
Create anything you like

No limitations on creation



Works with local files only

- You can't open someone else's app



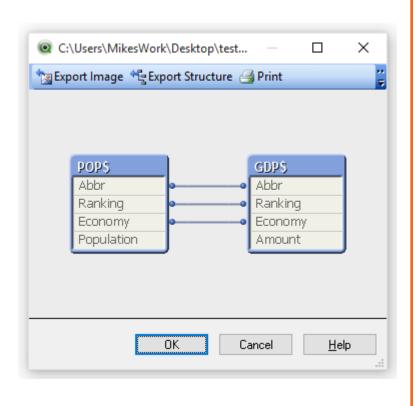
Works with local files only

You can't open someone else's app

Can't import a document layout

Sheets/objects/security settings

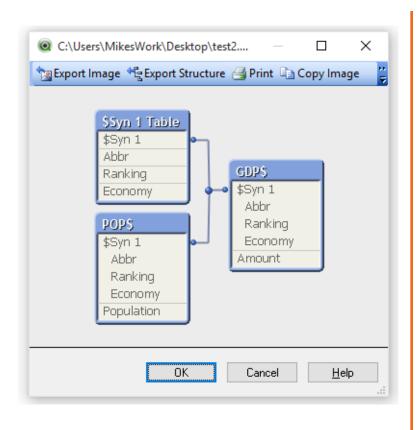
QlikView Natural Joins



Joins on like field names

Even if there are more than one

QlikView Natural Joins



Joins on like field names

Even if there are more than one

Synthetic Keys are created

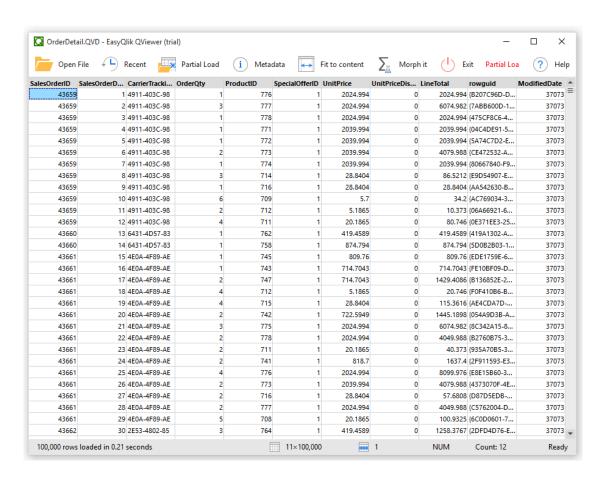
Not necessarily bad, but fix them

QVDs Script



QVDs

QlikView's optimized data table

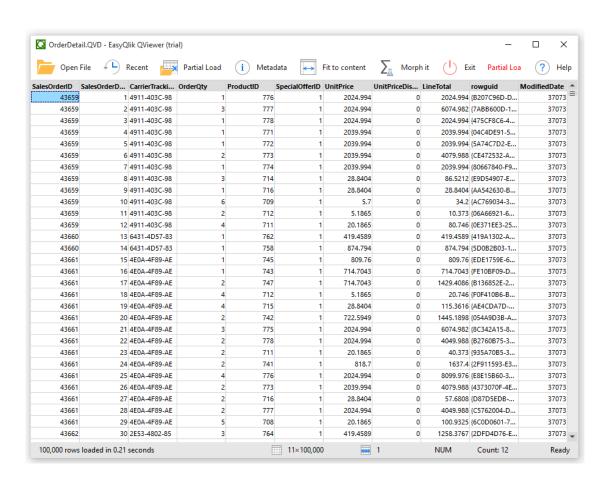


QVD viewer available at http://easyqlik.com/



QVDs

QlikView's optimized data table Fast, small and reusable

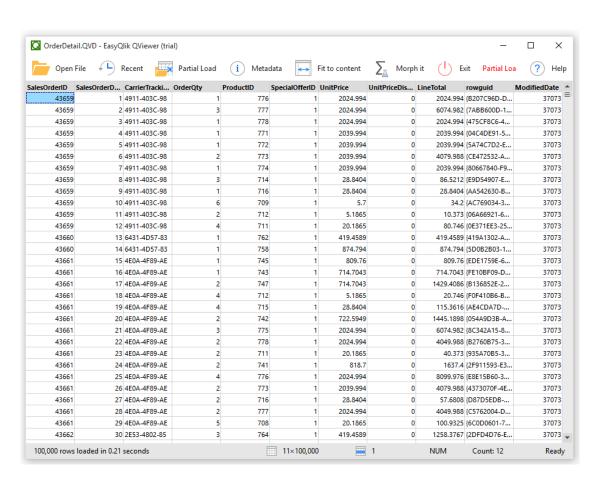


QVD viewer available at http://easyqlik.com/



QVDs

QlikView's optimized data table
Fast, small and reusable
Built with a QlikView app



QVD viewer available at http://easyqlik.com/



QlikView Script

The code that loads the data

```
E:\PluralSightQlikViewCourse\AdventureWorks\PluralsightWorking.qvs - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
 🗎 PluralsightWorking.qvs 🗵
 17 // DATABSE NAME : ADVENTUREWORKS
                      SEARCH FOR "ADVENTUREWORKS SAMPLE DATABASE DOWNLOAD"
 19 //
                      RUN THE DOWNLOADED .MSI AND ATTACH IN MS SQL SERVER MANAGEMENT STUDIO
 20 //
 21 //-----
     // Adjusting to modify dates for the latest time frame based on today's date
 26
     LET vTodaysDate = num(Makedate(Year(today()), 6, 30));
     LET vAdj = $(vTodaysDate) - Makedate(2004, 6, 30);
 30
 32 ///$tab Mapping
 33 ProductCostMap:
 34 MAPPING LOAD DISTINCT
         ProductID.
 36
         StandardCost
 37 FROM
 38
         ProductCostMap.QVD (qvd)
 39
 40
 41 ///$tab Orders
 42 OrderHeader:
 43 Load
         SalesOrderID,
         RevisionNumber.
         Date(OrderDate + $(vAdj)) as OrderDate,
         Date(DueDate + $(vAdj)) as DueDate,
         Date(ShinDate + S(vAdi)) as ShinDate
Normal text file
                  length: 5142 lines: 236
                                         Ln:16 Col:55 Sel:0|0
                                                                       Dos\Windows
                                                                                   UTF-8-BOM
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```

QlikView Script

The code that loads the data

Loads top to bottom, left to right

```
E:\PluralSightQlikViewCourse\AdventureWorks\PluralsightWorking.qvs - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
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🗎 PluralsightWorking.qvs 🛚 🖾
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  33 ProductCostMap:
     MAPPING LOAD DISTINCT
          ProductID.
  36
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          ProductCostMap.QVD (qvd)
 39
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     ///$tab Orders
 42 OrderHeader:
 43 Load
          SalesOrderID,
          RevisionNumber.
          Date(OrderDate + $(vAdj)) as OrderDate,
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          Date(ShinDate + $(vAdi)) as ShinDate
Normal text file
                    length: 5142 lines: 236
                                              Ln:16 Col:55 Sel:0|0
                                                                                Dos\Windows
                                                                                              UTF-8-BOM
                                                                                                              INS
```

Three to Get Ready

Unzip the QVDs and script

Copy the script into the editor

Set up your defaults

Wrap It Up

Import Excel Data

AdventureWorks Data Model w/ QVDs

Set Up Defaults