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QlikView Case Study "Making Loan Sanction Dashboard"

Description:

BISP is committed to provide BEST learning material to the beginners and advance learners. In the same series, we have prepared a complete end-to end Hands-on Beginner's Guide for Qlikview implementations. The document focuses on. Qlikview Loan Sanctioned Dashboard Join our professional training program and learn from experts

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Load Strategy Reports

This document demonstrates step by step approach to load data, create report and create dashboard for Qlikview learners.

-Loan Sanction by each country.

- -Loan Taker Ratio.
- -Loan Sanction and Loan Paid Ratio Yearly

Oracle as a data source:

We have taken the data source as oracle. Source Data Model



Field Data...

Step 3) This will open the Data Link Properties window select 'Oracle provider for OLEDB' then click the Next option.

🗃 Data Link Properties	×
Provider Connection Advanced All	
Select the data you want to connect to:	
OLE DB Provider(s)	A
Microsoft OLE DB Provider for Analysis Services 9.0	
Microsoft OLE DB Provider For Data Mining Services Microsoft OLE DB Provider for Indexing Service	
Microsoft OLE DB Provider for ODBC Drivers	
Microsoft OLE DB Provider for OLAP Services 8.0 Microsoft OLE DB Provider for Oracle	
Microsoft OLE DB Provider for Search	
Microsoft OLE DB Provider for SQL Server Microsoft OLE DB Simple Provider	
MSDataShape	
OLE DB Provider for Microsoft Directory Services	
< <u> </u>	
Next >>	
OK Cancel H	elp

Step 4) In the connection tab, give the data source name, user name and password from which you logged on the oracle as a user.

Data Link Properties Provider Connection Advanced All Specify the following to connect to ODBC data: 1. Specify the source of data: Use data source name Refresh Use connection string Connection string: Build 2. Enter information to log on to the server User name: Password: Blank password Allow saving password		
Test Connection OK Cancel Help The snap shot is shown here.		
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pical Install Configuration	Bisp1234		1 <i>g</i>
Configure Security Updates	Perform full Database insta	lation with basic configuration.	
Installation Option	Oracle bage:	D:\app\as	Browse
System Class Typical Installation	Software location:	D:\app\as\product\11.2.0\dbhome_1	Browse
Prerequisite Checks	Database file location:	D:\app\as\oradata	Browse
Summery Install Product	Database <u>e</u> dition:	Enterprise Edition (3.34GB)	
Finish	Character Set;	Default (WE8MS/MN1252) V	
	<u>G</u> lobal database name:	ord	
	Administrative gassword:	8444184	
	Confirm Password: 💡		
	Messages:		
	Administrative passwor recommended standard	dt[INS-30011] The ADMIN password entered does not conform to the Oracle s.	

5) Hit the Test connection button the notification will come which display that Test connection succeeded.



Step 6) Then another OraOLEDB Logon window will open ,which ask for the user id, password and server name. Server name will be same as the data source name then ->ok.

OraOLEDB Logon		
User ID:	TEST	
Password:		
Server:	orcl	
ОК	Cancel	

Step 7)Now Go to the select option in Edit script window.

Data Functions Variables Settings	
Database OLE DB	Data from Files Relative Paths Table Files Use FTP QlikView File
	Web Files Field Data

Step 7) From the owner dropdown, you can select the schema. A schema is a collection of logical structures of data, or schema objects. A schema is owned by a database user and has the same name as that user. Each user owns a single schema.

Data Source	Provider=OraOLEDB.Oracle.1;Persist Security Info=False;User ID=system;Data Source=orcl;Extended Properties="		Connect
Database		T	Driver
Owner	SH	-	Support
	EXFSYS		
	- FLDWS_FILES		
	(HR		
Tables			
Views	MDDATA		
1	MDSYS		
Synonyms			
System Tables			
Aliases	UBACE FOOM		
	ORDATA		
	ORDPLUGINS		
	ORDSYS		
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	DWBSYS		
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CONT. SELEC	M LEST		- Structured
EDOM GU "	4 WMDTo		Preceding Loa
FROM SR. 1		÷.	
	noenous	_	Add

Step 8) Now choose the schema and all the fields of the table. You can add more table by pressing add button present in the bottom side of the wizard.

Data Source	Provider=OraOLEDB.Oracle.1;Persist S	ecurity Info=False;User ID=system;Data Source=orcl;Extended	Properties=""	Connect
Database				Driver
Owner	SH			▼ Support
	Database Tables		Fields Text Order	
🔽 Tables	BRIDGE_TABLE			
Views	CAL_MONTH_SALES_MV			
System Tables	COSTS		5F_IU	
Aliases	CUSTOMERS		E	
	EMPNAME EWEEK ESCAT SALES MV			
	PRODUCTS			
	PROMOTIONS REGIONTARGET			
	CALEC		Show I con for Key Fields	
Script Table Co	lumns Preview Blobs			 Column
LOAD "SP_ "DEAL	_ID",			© Row
"CONT SQL SELEC	'RIBUTION_PER"; T *			Structured Preceding Load
FROM SH."	'BRIDGE_TABLE";			Add
Wahaw	a loaded the table Cit	ios Pronah Customar Accou	nt Account Type and Cystomer Type	Polow is the soriet
mansion	e loaded the table Ch	ites , Branch , Custonier , Accou	in Account Type and Customer Type.	below is the script
		[Providor=OraOIEDR	Oracle 1. Persist Securi	+ * 7
Info=F	Connector ID:	=sh:Data Source=orc	1:Extended Properties=""	'l (XPassword
is XME	CKYZBNEA);	Shi, Baca Source ore	1, Incended Hopereteb	
//	Start M	ultiple Select Stat	ements	
LOAD	ACNUM,			
BF	RANCHCODE,			
AC	CTYPECODE,			
CU	JSTOMERTYPECO	DE;		
SQL SE	LECT *			
FROM S	SH."ACCOUNT";			
D	C itizen			
Branch				
	TTINAME,			
CC	UNTRY:			
SOL SF	TLECT *			
FROM S	SH.CITIES;			
left j	oin BranchCi	ties:		
LOAD E	BRANCHCODE,			
CI	TYCODE,			
BF	RANCHDETAIL;			
SQL SE	LECT *			
FROM S	SH.BRANCH;			
7.000	. + .			
	ACNIIM.			
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```
BRANCHCODE,
   ACTYPECODE,
   CUSTOMERTYPECODE;
SOL SELECT *
FROM SH. "ACCOUNT";
LOAD ACTYPECODE,
   ACCTYPEDESC;
SOL SELECT *
FROM SH.ACCOUNTTYPE;
DepositeInfo:
LOAD DepoId,
     [A/c nb] as ACNUM ,
     [Loan payed],
    Year
FROM
[C:\Users\as\Desktop\Depositeinfo.xlsx]
(ooxml, embedded labels, table is Sheet1);
CustomerDetails:
LOAD CUSTOMER,
   ACNUM,
   LOANSENCTION,
   ACBALANCE,
   CCODE,
   YEAR as Year;
SOL SELECT *
FROM SH.CUSTOMER;
Left join CustomerDetails:
LOAD CCODE,
   CTYPEDES;
SQL SELECT
FROM SH.CUSTOMERTYPE;
//---- End Multiple Select Statements
LOAD ACTYPECODE,
   ACCTYPEDESC;
SQL SELECT *
FROM SH.ACCOUNTTYPE;
Then Reload the script and go to the table viewer.
```

Here is our data model which tells the direction of the fetching of data ,it is fetched from table Customer to table Cities. Now come to the report which gives the records of the loan strategy.



In this sheet we have 3 charts and 1 Straight table, now move toward the first chart.

Loan Sanction by each country

We have to analysis the loan strategy of the bank, the bank branches exist in five countries India, Australia, America ,France and India. So in this chart we have calculated the loan sanction by the country individually.

		Loon	sanction by eac	h country	
COUNTRY		LUai	Sanction by eac	n counti y	
America					
Austrelia					
France					
India					
USA					
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	ach company.				

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	L	oan Sanction and Lo	an Paid Ratio Ye	arly	
Year					
2011					Loan Sanction Loan Paid
2012					
2013					
	_				
2014					
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ere you can	see that the difference	is so large between the l	Loan Sanction and L	oad paid. For this ch	art we have take
ear as a dime	ension.				
Chart Proper	ties [Loan Senction and	Loan Paid Ratio Yearly]			×
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Available F	ields/Groups		Used Dimensions		
A/c nb ACBAL	ANCE	Add >	🕀 🥜 Year		
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And in the expression tab we have taken two expressions, one gives the loan sanction yearly and another one give the loan paid yearly. Below is the expression for loan sanction.

File Edit S		
	Settings Help	
Expression OK		
1 Sum (L	OANSENCTION)	
4		
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Table	All Tables	▼ Show Sustem Fields
Field	A/c nb	
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is is the exp	ression for the loan paid.	
Edit Expressio	on	
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Expression OK		
1 Sum ([.	Loan payed])	
		-
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Loan Takers

Now calculate the ratio of all the A/c holders who have taken the loan.



ACHOIDEI		Available Bal	Percentage of Indivisual	
		6431046	1.0%	5
albert	london	870000	7.0%	>
anthoney	london	980000	20.3%	,
oob	delhi	670000	13.8%	
duke	captown	320000	27.1%	>
nstena	delhi	870000	10.3%	>
jonhe	washigton	120000	55.9%	>
joy	paris	20000	68.9%	,
july	london	31102	17.2%	>
Mike	captown	10000	62.0%	b
mini	captown	320000	20.3%	.
nene	paris	340000	12.4%	>
paul	paris	40000	12.3%	.
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Edit Expres:	sion	
File Edit	Settings Help	
Expression OK		
1 Sum (ACBALANCE)	
Fields Fund	ctions Variables Images	
Fields Fund	ctions Variables Images	• 0 %
Fields Fund Aggregation Table	ctions Variables Images	 ■ Show System Fields
Fields Fund Aggregation Table Field	ctions Variables Images	 0 % Show System Fields Distinct Paste

And for the overcome we have take the ratio of the Loansanction by Acbalance. This will give the idea that after the condition of denied from paying loan how much amount will freeze.

Edit Expressio	n			the other sectors	
File Edit S	ettings Help				
Expression OK					
1 (Sum	(LOANSENCTION) / Sum	(ACBALANCE))/1	.00 <mark>)</mark>		*
A Tields To an					۳ ا
Aggregation	ins vanabies i images	•	0 %		
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e script gene	rated on each table.				