Create the Database Connection

- 1. Start Jaspersoft Studio Professional.
- 2. Click the File menu > New > Data Adapter.
- 3. Select the parent folder. The data adapter settings, by default, are saved in the NEW_DATAADAPTER file. Rename the file, if required.

2	Data Adap	oter Wizard	- 🗆 🗙
DataAdapter Fil	e		
Create a DataAdapt	er in a file		
Enter or select the p	arent folder:		
MyReports			
 Image: Image: Im			
File na <u>m</u> e: NEW_D	ATAADAPTER.xml		
?	< <u>B</u> ack	Next > Einish	Cancel

The Data Adapter File wizard page.

- 4. Click Next.
- 5. The Data Adapters wizard page appears. Click Database JDBC Connection.

2	Data Adapter Wizard	- 🗆 🗙		
Data Adapters				
Use the content of a CSV	file as data			
		l e con		
CSV File		^		
Cassandra Connectio	n			
Collection of JavaBea	ns			
Custom implementation	tion of JRDataSource			
📕 Database JDBC Conn	ection			
Domain JRS				
EJBQL Connection				
Empty rows				
HBase Connection				
12 HBase Thrift Connect	tion			
🖏 Hibernate Session				
Session Lo	aded By Spring			
JNDI Data Source				
JSON File				
JasperReports DataSource Provider class				
Microsoft Excel (XLS,	XLSX)			
Mondrian OLAP Connection				
MongoDB Connection				
(?)	< Back Next > Fi	inish Cancel		
U.				

- 6. Click Next.
- 7. Enter the Name, JDBC Driver, JDBC URL, Username, and Password. If your database is MySQL, you must select **com.mysql.jdbc.Driver** in the JDBC Driver drop-down list. If your database is Oracle, you must select **oracle.jdbc.driver.OracleDriver** in the JDBC Driver drop-down list. The JDBC URL pattern for MySQL and Oracle databases is given below:

MySQL. jdbc:mysql://localhost:3306/agiliance Oracle. jdbc:oracle:thin:@localhost:1521/agl

8	Data Adapter Wizard 🛛 🗖 🗖	x
Data Adapt Database JDB	C Connection	
Name: Agilia	ance RiskVision	
JDBC Driver	com.mqsql.jdbc.Driver	
JDBC Url	jdbc:mysql://localhost:3306/agiliance	
Username		
Password Database Lo	Attention! Passwords are saved in clear text	
?	Test < Back Next > Finish Cancel	

The Database Location tab.

8. Click the **Driver Classpath** tab. Click **Add**. Select the jar file for the database from the appropriate directory, then click **Open**. The JDBC Driver jars file for the MySQL and Oracle databases are:

MySQL. mysql-connector-java-5.1.39-bin.jar

Oracle. ojdbc6.jar

- 9. Click **Test** to verify the connection.
- 10. Click Finish to save the connection and exit the Data Adapter Wizard.