

Autonomous Database Quickstart Workshop

?

+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

Create rich data visualizations

Introduction

This lab will walk you through the steps to connect *Oracle Analytics Desktop* (formerly Oracle Data Visualization Desktop) to an Oracle Autonomous Database, either in Autonomous Data Warehouse (ADW) or Autonomous Transaction Processing (ATP), and create data visualizations. Unlimited Oracle Analytics Desktop licenses are included when connecting to an ADW or ATP data source. Instructions will be provided to connect your previously created Autonomous Database instance (using sample data loaded into the database) to Oracle Analytics Desktop. We will demonstrate how you can immediately gain insights and create beautiful data visualizations.

Estimated Time: 20 minutes

Objectives

- Learn how to connect a desktop analytics tool to the powerful Autonomous Database
- Learn how to connect to the database from Oracle Analytics Desktop
- Learn how to create a simple data visualization project with Oracle Analytics Desktop
- Learn how to access and gain insights from data in the Autonomous Database

Prerequisites

- This lab requires completion of the Provision Autonomous Database lab in the Contents menu on the left.

Collapse All Tasks

Task 1: Install Oracle Analytics Desktop on a Windows desktop

1. Download *version 6.2* of *Oracle Analytics Desktop* (formerly Data Visualization Desktop) from *Oracle Software Delivery Cloud*. To download Oracle Analytics Desktop, follow these steps:

Note:

This example shows installing Oracle Analytics Desktop to a Windows desktop. The steps for installing to an Apple Mac computer will be similar.

Search for **oracle analytics desktop** in the search field. Click **Oracle Analytics Desktop** in the search results list.

file:///C:/temp/Autonomous Database Quickstart Workshop _ Lab 5_ Visualize Your Data_OAD6_2.html

1/24

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

- A list of results will appear - additional filters will then be available to refine your search.
- Click on 'Select' next to the title you wish to download - the software will automatically be placed in your Download Queue where you will assign a platform for each Release.
- **Download Package (DLP): A collection of related Releases / Release (REL): A specific version of new functionality of a product**
- Still need help? Take our step-by-step Demo Tour or visit the FAQs.

All Categories

- Oracle Analytics Desktop
- Oracle Advanced Analytics
- Oracle Advanced Analytics for Oracle Financial Services Analytical Applications Infrastructure
- Oracle Analytics Server Administrator or Oracle Business Intelligence Server Administrator
- Oracle Analytics Publisher for Oracle Applications or OBI Publisher for Oracle Applications
- Oracle Analytics Publisher or Oracle Business Intelligence Publisher
- Oracle Analytics Server
- Oracle Analytics Server for Oracle Applications or OBI Suite Extended Edition for Oracle Applications
- Oracle Analytics Server or Oracle Business Intelligence Suite Extended Edition
- Oracle Analytics Standard Edition One or Oracle Business Intelligence Standard Edition One
- Oracle Argus Analytics
- Oracle Argus Analytics Documentation
- Oracle AutoVue 2D Professional - Oracle 1-Click Ordering Desktop Program
- Oracle AutoVue 3D Professional Advanced - Oracle 1-Click Ordering Desktop Program

Click the icon to the left of **Oracle Analytics Desktop 6.2.0** to put it in your download queue.







Oracle Software Delivery Cloud

- Choose a category and type in a search term or software title you would like to download.
- Select from the drop down results or click Search - you can also select one of our most Popular Downloads.
- A list of results will appear - additional filters will then be available to refine your search.
- Click on 'Select' next to the title you wish to download - the software will automatically be placed in your Download Queue where you will assign a platform for each Release.
- **Download Package (DLP): A collection of related Releases / Release (REL): A specific version of new functionality of a product**
- Still need help? Take our step-by-step Demo Tour or visit the FAQs.

All Categories

All **Commercial** Linux/VM 1-Click Courseware Documentation

Found 408 results Page Size 50

-  DLP: Oracle Analytics Desktop 6.2.0
-  DLP: Oracle Analytics Desktop 6.1.0
-  DLP: Oracle Analytics Desktop 6.0.0
-  DLP: Oracle Analytics Desktop 5.9.0
-  DLP: Oracle Analytics Desktop 5.8.0
-  DLP: Oracle Analytics Desktop 5.7.0

Click **Continue** to view the items in your download queue.

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

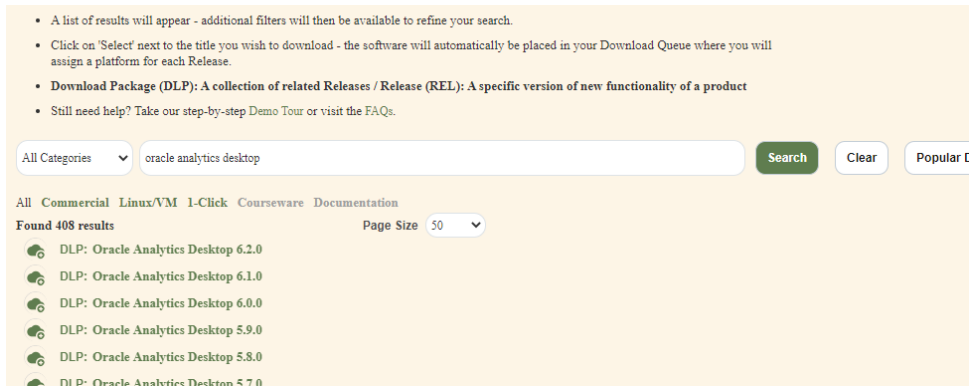
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

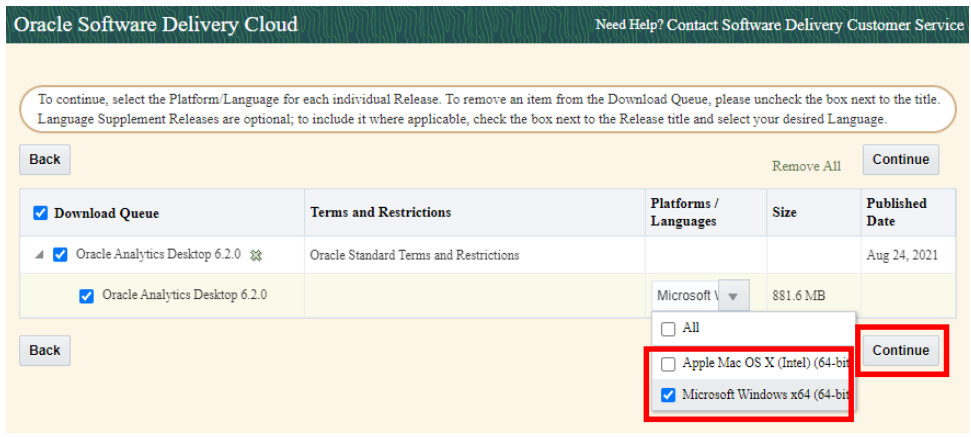
Want to learn more?

Acknowledgements

+ Need Help?



In the **Platforms / Languages** column, select your operating system and click **Continue**.



Accept the terms and click **Continue** to download the installer executable file. In the next screen, click **Download**.

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

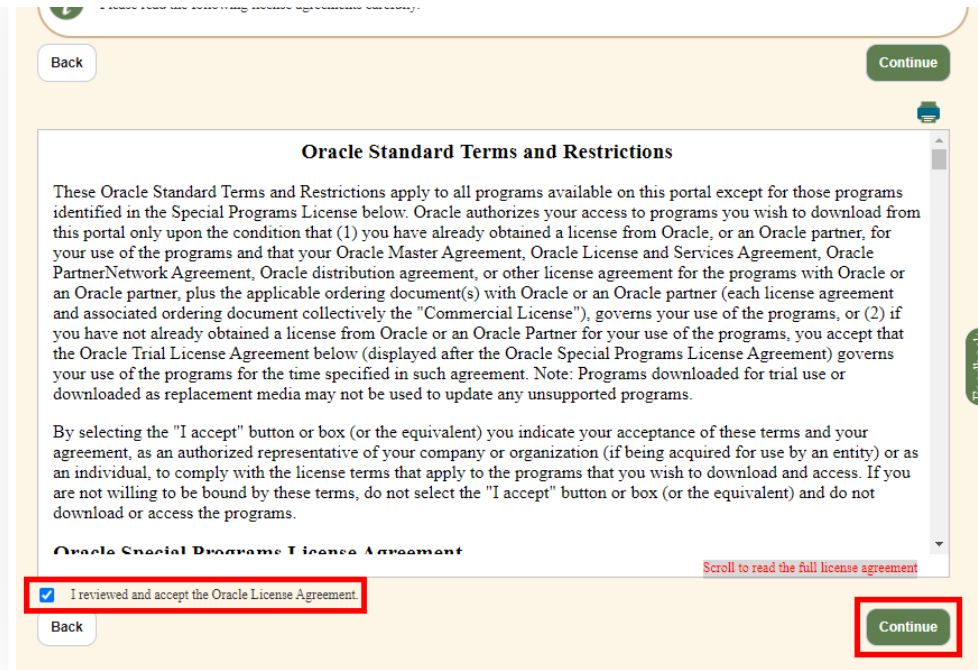
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

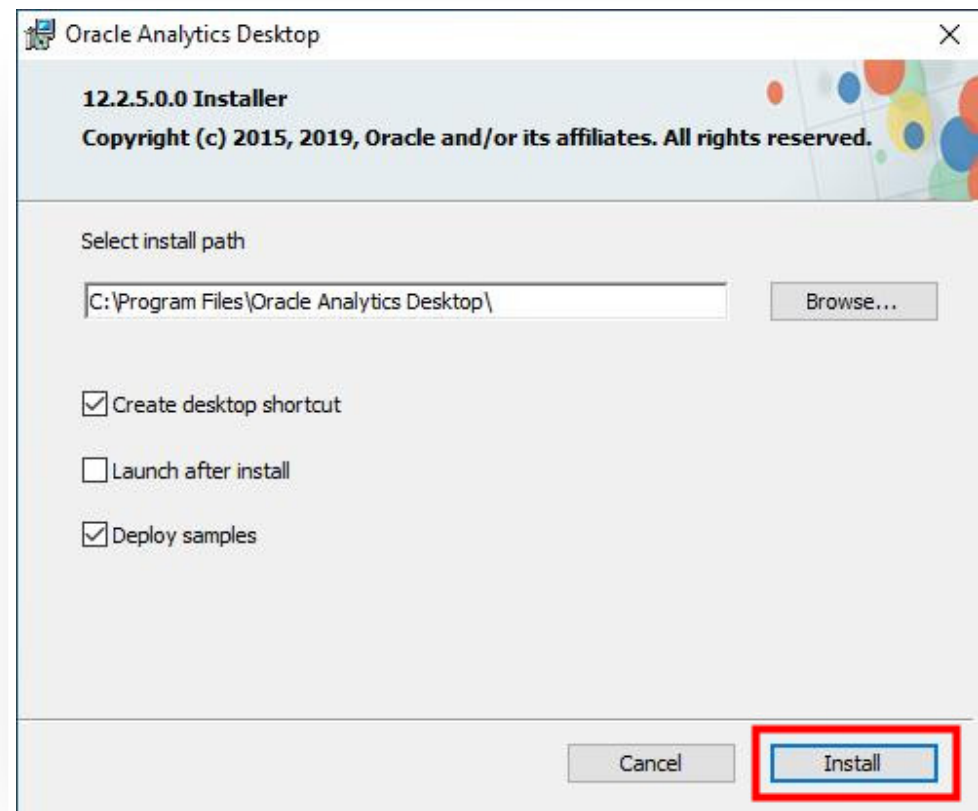
Want to learn more?

Acknowledgements

+ Need Help?



2. After saving the installer executable file, click on the installer and follow the guided steps.



Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

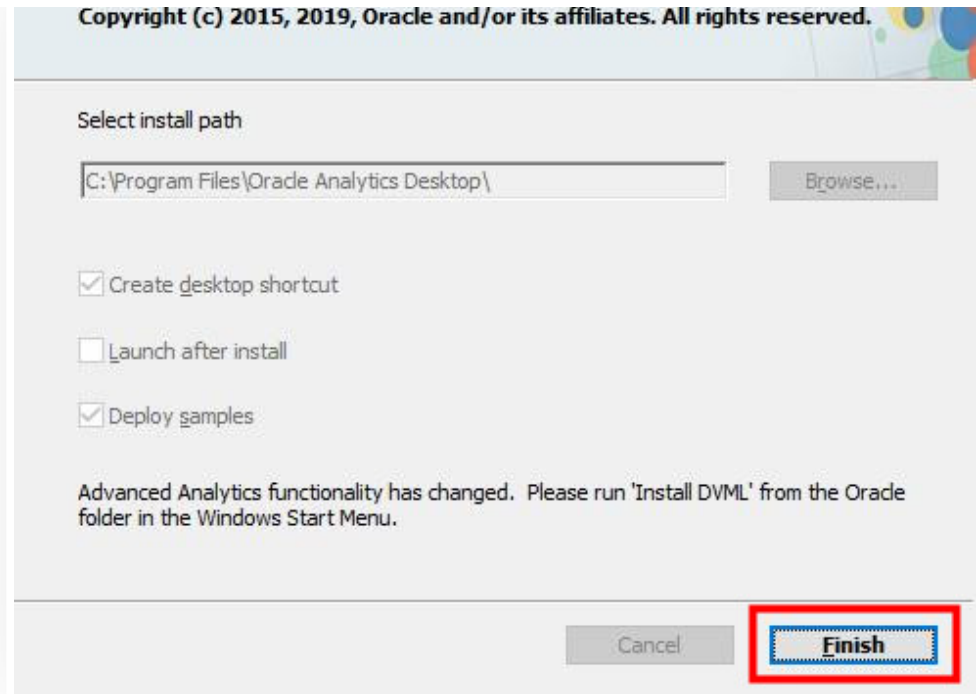
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

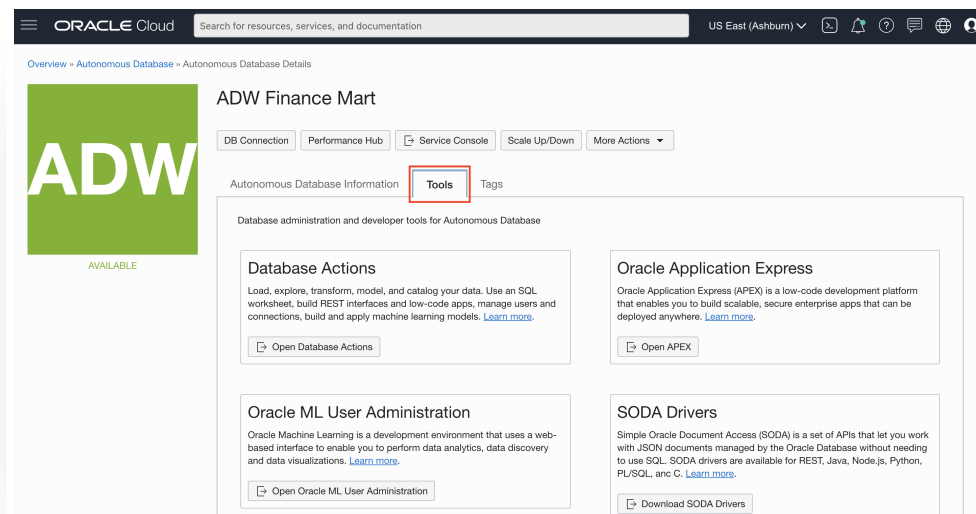


Task 2: Create a view by executing the provided script in SQL Worksheet

Although you can connect to your autonomous database using local PC desktop tools like Oracle SQL Developer, you can conveniently access the browser-based SQL Worksheet directly from your ADW or ATP console.

For simplicity's sake, in this exercise, we will use the Oracle Sales History (SH) schema provided to create a simple view.

1. In your Database Details page, click the **Tools** tab.



2. The Tools page provides you access to database administration and developer tools for Autonomous Database: Database Actions, Oracle Application Express, Oracle ML User Administration, and SODA Drivers. In the Database Actions box, click **Open Database Actions**.

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

The screenshot shows the Oracle Autonomous Database (ADW) console. At the top, there's a green 'ADW' logo with the word 'AVAILABLE' below it. To the right, there are navigation tabs: 'DB Connection', 'Performance Hub', 'Service Console', 'Scale Up/Down', and 'More Actions'. Below these, there are tabs for 'Autonomous Database Information', 'Tools', and 'Tags'. The 'Tools' tab is selected, showing 'Database administration and developer tools for Autonomous Database'. There are four main sections: 'Database Actions' (with a red box around the 'Open Database Actions' button), 'Oracle Application Express' (with an 'Open APEX' button), 'Oracle ML User Administration' (with an 'Open Oracle ML User Administration' button), and 'SODA Drivers' (with a 'Download SODA Drivers' button).

3. A sign-in page opens for Database Actions. For this lab, simply use your database instance's default administrator account, **Username - ADMIN** and click **Next**.

The screenshot shows the Oracle Database Actions sign-in page. At the top, there's the Oracle logo and 'Database Actions' text. Below, there's a 'Username' field with 'admin' entered and highlighted by a red box. There's a blue 'Next' button below the field.

4. Enter the ADMIN **Password** you specified when creating the database and click **Sign in**.

The screenshot shows the Oracle Database Actions sign-in page. At the top, there's the Oracle logo and 'Database Actions' text. Below, there's a 'Username' field with 'ADMIN' entered. Below that is a 'Password' field, which is highlighted by a red box. There's a blue 'Sign in' button below the password field.

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

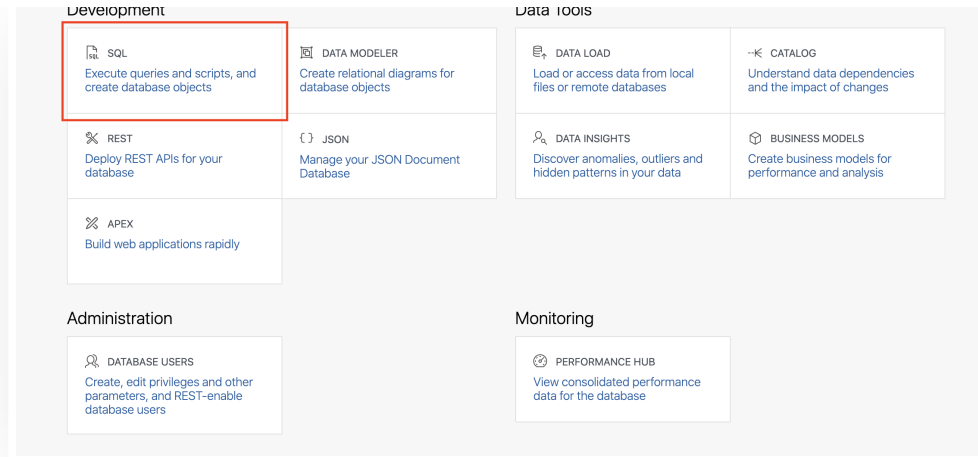
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?



6. In a SQL Worksheet, copy and execute the following script.

```
drop view DV_SH_VIEW;

create or replace view DV_SH_VIEW as select
P.PROD_NAME,
P.PROD_DESC,
P.PROD_CATEGORY,
P.PROD_SUBCATEGORY,
P.PROD_LIST_PRICE,
S.QUANTITY_SOLD,
S.AMOUNT_SOLD,
X.CUST_GENDER,
X.CUST_YEAR_OF_BIRTH,
X.CUST_MARITAL_STATUS,
X.CUST_INCOME_LEVEL,
R.COUNTRY_NAME,
R.COUNTRY_SUBREGION,
R.COUNTRY_REGION,
T.TIME_ID,
T.DAY_NAME,
T.CALENDAR_MONTH_NAME,
T.CALENDAR_YEAR from
SH.PRODUCTS P,
SH.SALES S,
SH.CUSTOMERS X,
SH.COUNTRIES R,
SH.TIMES T where
S.PROD_ID=P.PROD_ID and
S.CUST_ID=X.CUST_ID and
S.TIME_ID=T.TIME_ID and
X.COUNTRY_ID=R.COUNTRY_ID;
```

Copy

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

```

4
3 create or replace view DV_SH_VIEW as select
4 P.PROD_NAME,
5 P.PROD_DESC,
6 P.PROD_CATEGORY,
7 P.PROD_SUBCATEGORY,
8 P.PROD_LIST_PRICE,
9 S.QUANTITY_SOLD,
10 S.AMOUNT_SOLD,
11 X.CUST_GENDER,
12 X.CUST_YEAR_OF_BIRTH,
13 X.CUST_MARITAL_STATUS,
14 X.CUST_INCOME_LEVEL,
15 R.COUNTRY_NAME,
16 R.COUNTRY_SUBREGION,
17 R.COUNTRY_REGION,
18 T.TIME_ID,
19 T.DAY_NAME,
20 T.CALENDAR_MONTH_NAME,
21 T.CALENDAR_YEAR from
22 SH.PRODUCTS P,
23 SH.SALES S,
24 SH.CUSTOMERS X,
25 SH.COUNTRIES R,
26 SH.TIMES T where
27 S.PROD_ID=P.PROD_ID and
28 S.CUST_ID=X.CUST_ID and
29 S.TIME_ID=T.TIME_ID and

```

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

As ADW and ATP accept only secure connections to the database, you need to download a wallet file containing your credentials first. The wallet can be downloaded either from the instance's Details page, or from the ADW or ATP service console.

1. In your database's instance Details page, click **DB Connection**.

Overview » Autonomous Database » Autonomous Database Details

ADW Finance Mart

DB Connection Performance Hub Service Console Scale Up/Down More Actions

Autonomous Database Information

Tools Tags

General Information	Infrastructure
Database Name: ADWFINANCE	Dedicated Infrastructure: No
Workload Type: Data Warehouse	Autonomous Data Guard ⓘ
Compartment:	Status: Disabled Enable
OCID: ...2ajlta Show Copy	Backup
Created: Fri, May 7, 2021, 16:57:54 UTC	Last Automatic Backup: Mon, May 10, 2021, 07:55:03 UTC
OCPU Count: 1	Manual Backup Store: Not Configured
Storage: 1 TB	Network
License Type: License included	Access Type: Allow secure access from everywhere
Database Version: 19c	Access Control List: Disabled Edit
Auto Scaling: Enabled ⓘ	Maintenance ⓘ
Lifecycle State: Available	
Instance Type: Paid	
Mode: Read/Write Edit	

2. Use the Database Connection dialog to download client credentials.
 - Select a wallet type. For this lab, select **Instance Wallet**. This wallet type is for a single database only; this provides a database-specific wallet.
 - Click **Download Wallet**.

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

You will need the client credentials and connection information to connect to your database. The client credentials include the wallet.

Download Client Credentials (Wallet)

To download your client credentials, select the type of wallet, then click **Download Wallet**. You will be asked to create a password for the wallet.

Wallet Type ⓘ

Instance Wallet

Download Wallet

Rotate Wallet

Wallet last rotated: -

Note: Oracle recommends that you provide a database-specific wallet, using Instance Wallet, to end users and for application use whenever possible. Regional wallets should only be used for administrative purposes that require potential access to all Autonomous Databases within a region.

- Specify a password of your choice for the wallet. You will need this password when connecting Oracle Analytics Desktop to the database in the next step. Click **Download** to download the wallet file to your client machine.

Note: If you are prevented from downloading your Connection Wallet, it may be due to your browser's pop-up window blocker. Please disable it or create an exception for Oracle Cloud domains.

Download Wallet

[Help](#) [Close](#)

Database connections to your Autonomous Database use a secure connection. The wallet file will be required to configure your database clients and tools to access Autonomous Database.

Please create a password for this wallet. Some database clients will require that you provide both the wallet and password to connect to your database (other clients will auto-login using the wallet without a password).

Password

.....

Confirm password

.....

Download

Click **Close** when the download is complete.

- Start **Oracle Analytics Desktop**. When Oracle Analytics Desktop opens, click **Connect to Oracle Autonomous Data Warehouse**.

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

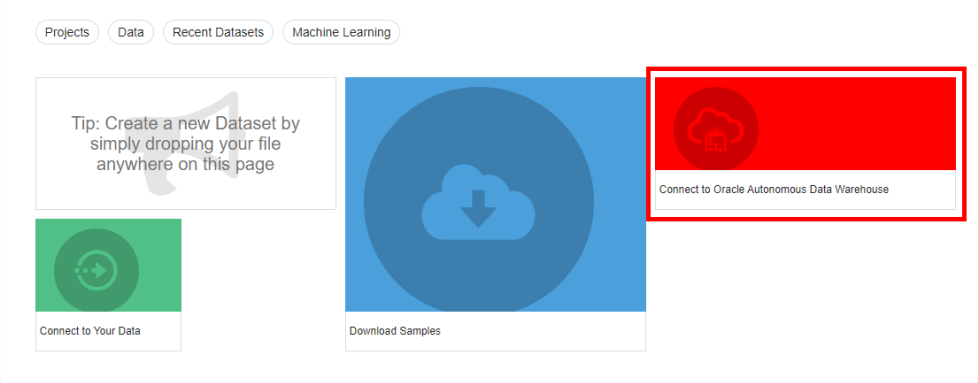
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?



5. In the **Create Connection** dialog, enter the following information:

Connection Info	Entry
Connection Name:	Type in 'SALES_HISTORY'
Client Credentials:	Click 'Select...' and select the wallet zip file that you downloaded in Task 3.3. A file with .sso extension will appear in the field.
Username:	Insert username created in previous labs, likely ADMIN . Same username as SQL Worksheet and SQL Developer credentials.
Password	Insert password created in previous labs. Same password as SQL Worksheet and SQL Developer credentials.
Service Name:	Scroll the drop-down field and select adwfinance_high , or the high service level of the database name you specified in Lab 1.

6. After completing the fields, click **Save**.

Autonomous Database Quickstart Workshop

[+ Introduction](#)[+ Get Started](#)[+ Lab 1: Provision an Autonomous Database](#)[+ Lab 2: Work with Free Sample Data Sets](#)[+ Lab 3: Load Data](#)[+ Lab 4: Query External Data](#)[- Lab 5: Visualize Your Data](#)[Introduction](#)[Task 1: Install Oracle Analytics Desktop on a Windows desktop](#)[Task 2: Create a view by executing the provided script in SQL Worksheet](#)[Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop](#)[Task 4: Explore the data in your new project in Oracle Analytics Desktop](#)[Task 5: Create your first data visualization](#)[\(Optional\) Task 6: Export your project as a DVA file](#)[Want to learn more?](#)[Acknowledgements](#)[+ Need Help?](#)

Oracle Autonomous Data Warehouse

* Connection Name

Description

* Client Credentials

* Username

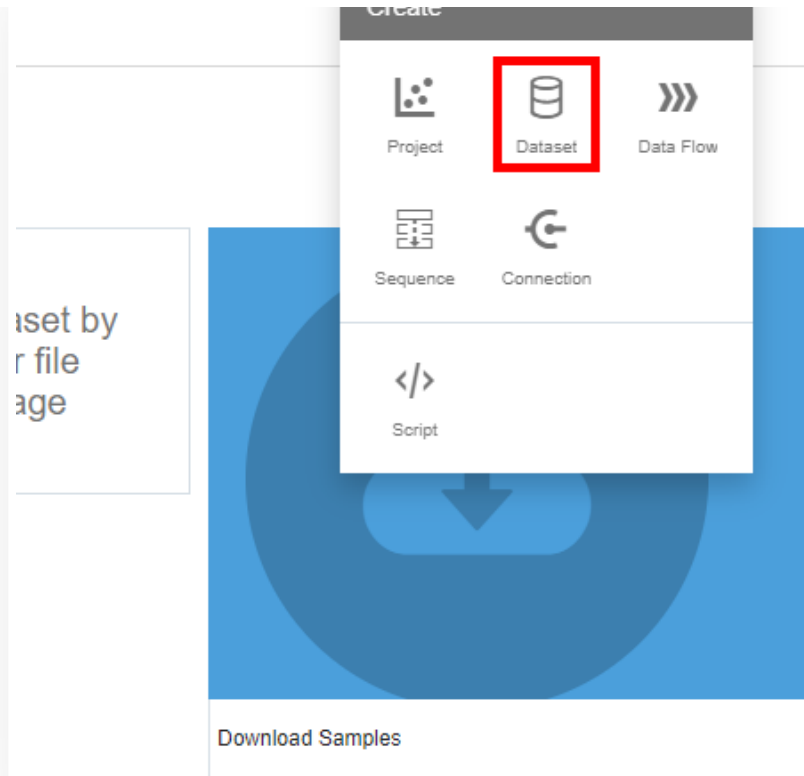
* Password

* Service Name

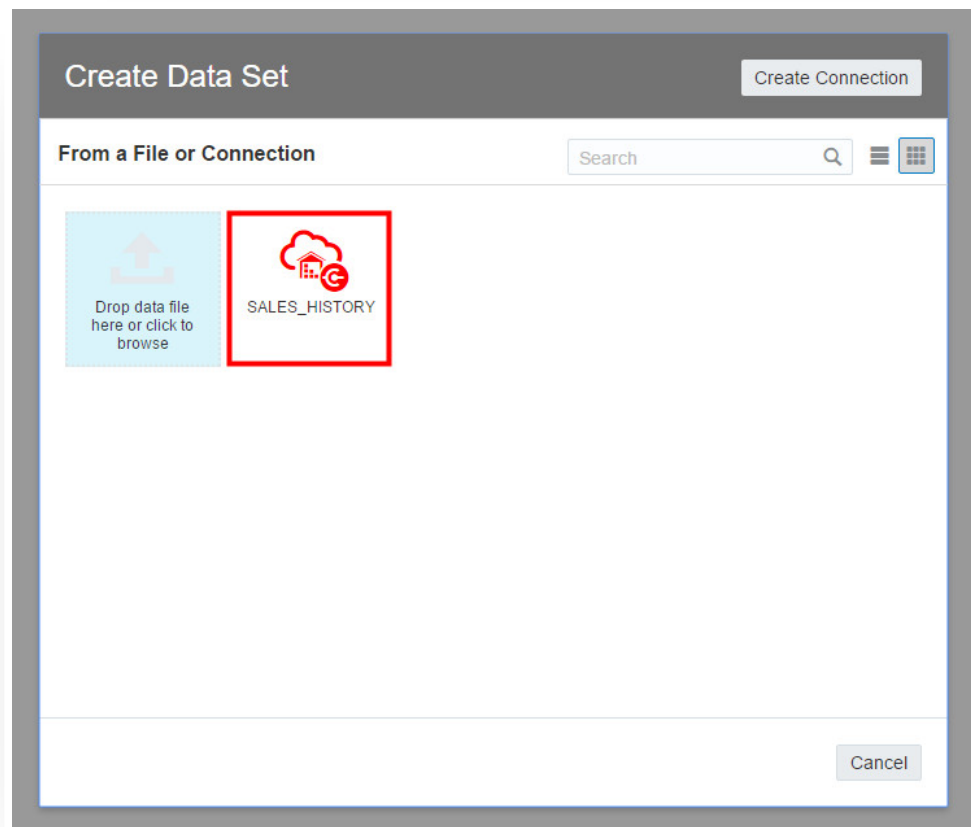
Note: If the connection fails to save because you are behind a firewall or on a VPN, you may need to use an alias or shut down the VPN to connect to your ADW database.*

- Click **Close** when the Save is complete.
- Upon success of creating a new connection to the Autonomous Data Warehouse, click **Create** in the upper right-hand corner, and click **Dataset**.

Autonomous Database Quickstart Workshop

[+ Introduction](#)[+ Get Started](#)[+ Lab 1: Provision an Autonomous Database](#)[+ Lab 2: Work with Free Sample Data Sets](#)[+ Lab 3: Load Data](#)[+ Lab 4: Query External Data](#)[- Lab 5: Visualize Your Data](#)[Introduction](#)[Task 1: Install Oracle Analytics Desktop on a Windows desktop](#)[Task 2: Create a view by executing the provided script in SQL Worksheet](#)[Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop](#)[Task 4: Explore the data in your new project in Oracle Analytics Desktop](#)[Task 5: Create your first data visualization](#)[\(Optional\) Task 6: Export your project as a DVA file](#)[Want to learn more?](#)[Acknowledgements](#)[+ Need Help?](#)

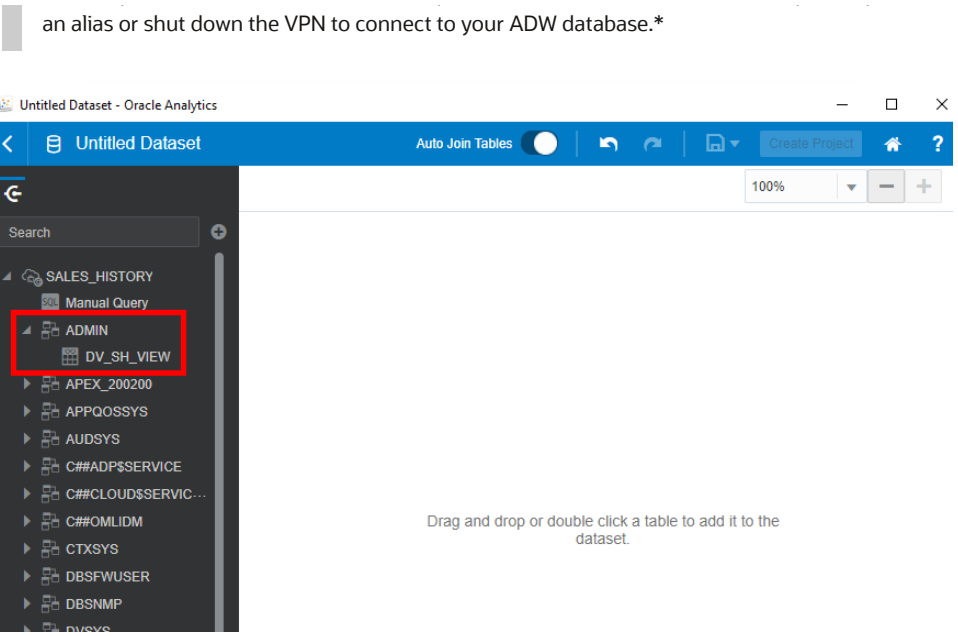
9. You will now choose the sales data you want to analyze and visualize in your first project. Select the connection you just created named **SALES_HISTORY**.



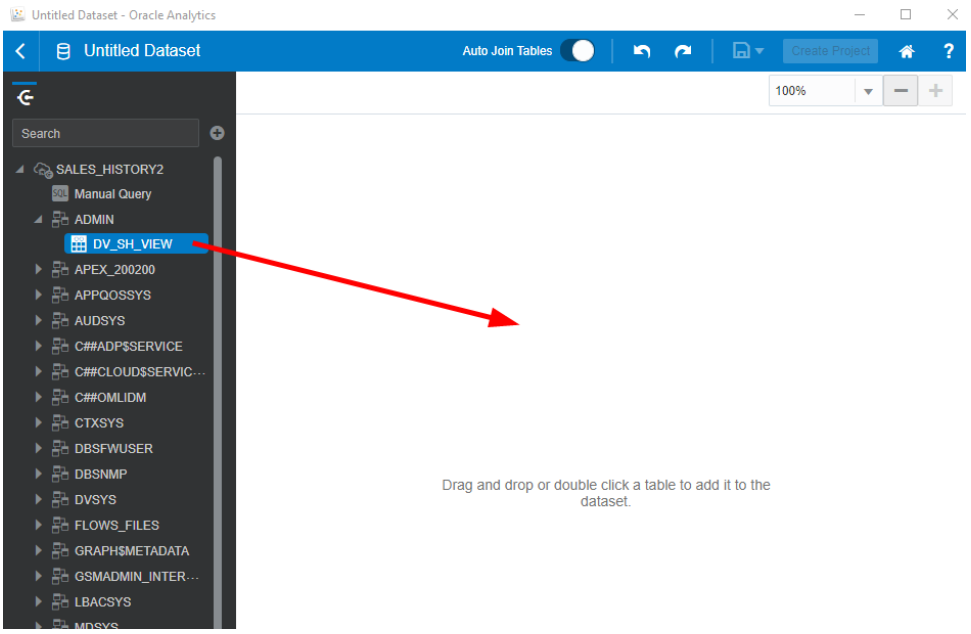


Autonomous Database Quickstart Workshop

- + Introduction
- + Get Started
- + Lab 1: Provision an Autonomous Database
- + Lab 2: Work with Free Sample Data Sets
- + Lab 3: Load Data
- + Lab 4: Query External Data
- Lab 5: Visualize Your Data
 - Introduction
 - Task 1: Install Oracle Analytics Desktop on a Windows desktop
 - Task 2: Create a view by executing the provided script in SQL Worksheet
 - Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop
 - Task 4: Explore the data in your new project in Oracle Analytics Desktop
 - Task 5: Create your first data visualization
 - (Optional) Task 6: Export your project as a DVA file
 - Want to learn more?
 - Acknowledgements
- + Need Help?



11. Drag and drop or double click the DV_SH_VIEW table to add it to the dataset.



12. Right-click the blue DV_SH_VIEW button and select **Edit Definition** from the menu.

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

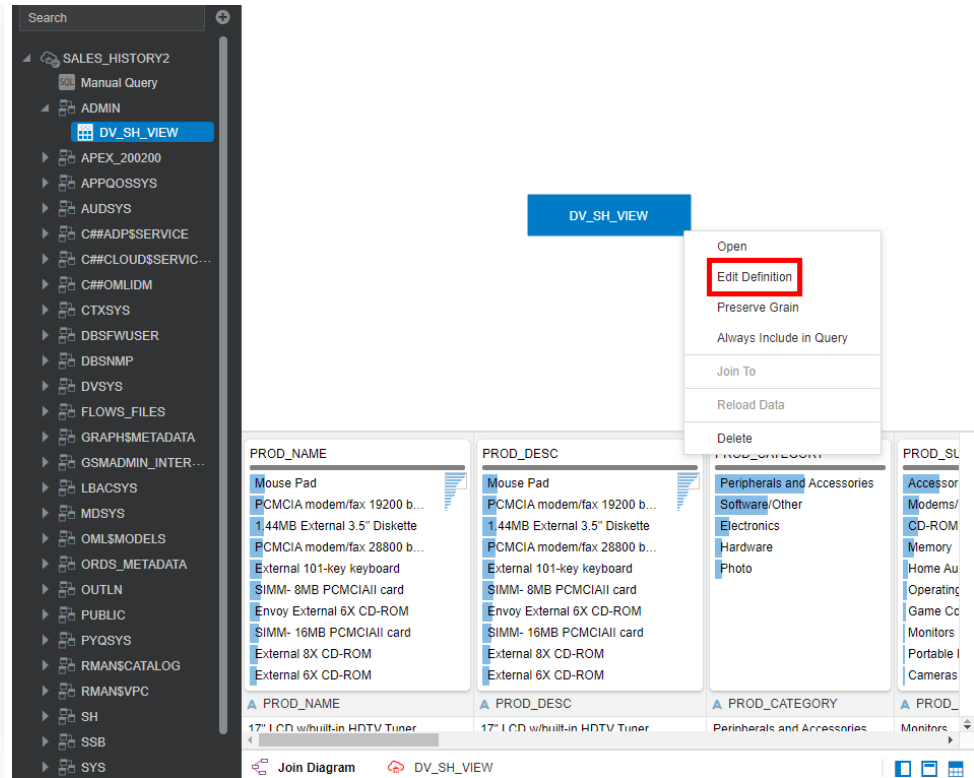
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

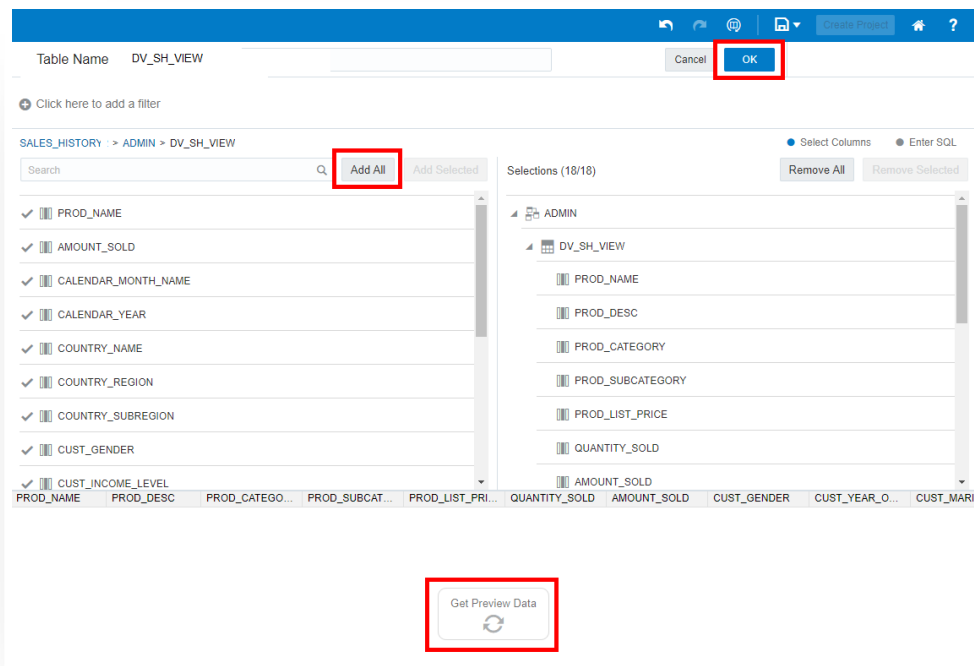
Want to learn more?

Acknowledgements

+ Need Help?



13. First click the **Add All** button in the left column. You may click **Get Preview Data** at the bottom to see some example records. Click the **OK** button to add the dataset.



14. Click the **Save Dataset** icon in the upper right corner of the toolbar to save the dataset. In the **Save Dataset As** pop-up dialog, name the dataset **SALES_HISTORY**. Click **OK**.

Note: It is important to use the new name of **SALES_HISTORY**, as the rest of the lab steps will reference that name.

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

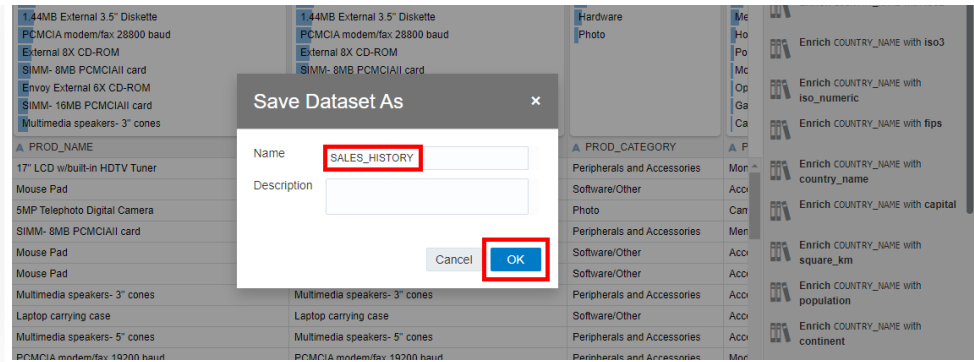
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

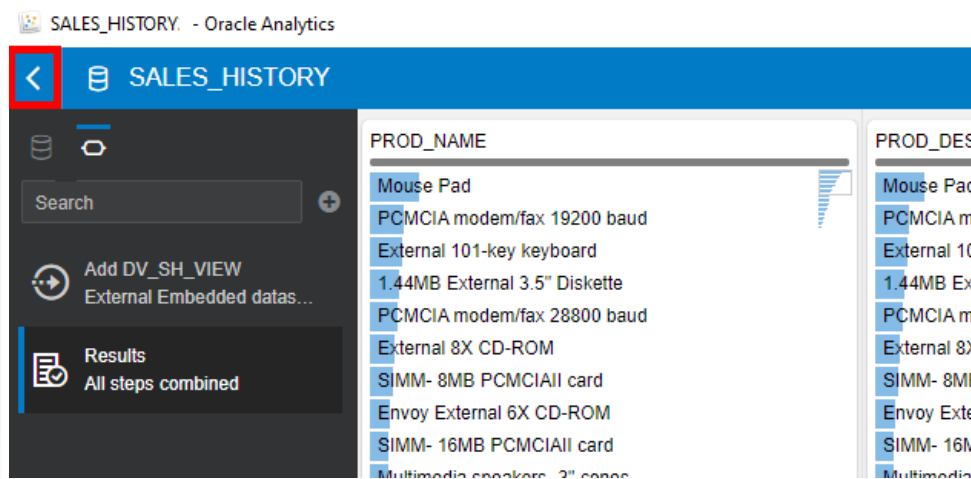
Want to learn more?

Acknowledgements

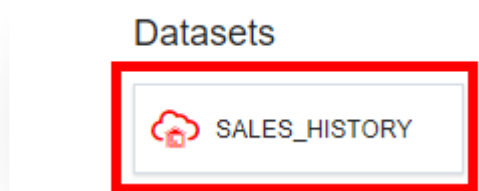
+ Need Help?



15. Once the **SALES_HISTORY** dataset has successfully been created, click the **Go back** arrow on the top left.



16. You are returned to the OAD home page; this may take a number of seconds. In the Datasets area at the bottom of your screen, click your new **SALES_HISTORY** dataset to open it up as a **Project**.



17. By default, the project opens in the **Visualize** tab. Click the **Data** tab to enable overriding the settings of some columns.

Autonomous Database Quickstart Workshop

?

+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

SALES_HISTORY

PROD_NAME

PROD_DESC

PROD_CATEGORY

PROD_SUBCATEGORY

PROD_LIST_PRICE

QUANTITY_SOLD

AMOUNT_SOLD

CUST_GENDER

CUST_YEAR_OF_BIRTH

CUST_MARITAL_STATUS

CUST_INCOME_LEVEL

COUNTRY_NAME

Select data or visual to display properties

Select Visualization to View Details

Drop Visual

18. In the middle of the palette, right-click the SALES_HISTORY dataset and select **Open** from the pop-up menu.

Untitled

DataVisualizeNarrate

SALES_HISTORY

PROD_NAME

PROD_DESC

PROD_CATEGORY

PROD_SUBCATEGORY

PROD_LIST_PRICE

QUANTITY_SOLD

AMOUNT_SOLD

CUST_GENDER

CUST_YEAR_OF_BIRTH

CUST_MARITAL_STATUS

CUST_INCOME_LEVEL

COUNTRY_NAME

Select data or visual to display properties

SALES_HIST...

Inspect

Open

Reload Data

Replace Dataset...

Remove from Project

right-click

19. This opens a new window filled with data for each column. Notice how easy it is to browse the data elements to see what is available for you to further explore. In the upper left corner, hover your mouse over the icons to see that by default you are in the **Preparation Script** tab. Click the **Data** tab.

file:///C:/temp/Autonomous Database Quickstart Workshop _ Lab 5_ Visualize Your Data_OAD6_2.html

16/24

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

20. You are going to override the data types for two columns recognized as measures (i.e. numeric), and correct them to be treated as attributes -- **CALENDAR_YEAR** and **CUST_YEAR_OF_BIRTH**. Click the **CALENDAR_YEAR** column name in the upper left navigation panel. Details of this column appear in the lower left panel. Change the **'Treat As'** field to an **'Attribute'**. Repeat for the column, **CUST_YEAR_OF_BIRTH**.

Autonomous Database Quickstart Workshop

+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

Formatting

Edit Definition

Save

Create Project

Save As

OF_BIRTH ...

Country Name

Country Sub...

Country RE...

Time ID

United States of Ame...

Germany

United Kingdom

Japan

Italy

Australia

France

Canada

Singapore

Spain

Northern America

Western Europe

Asia

Australia

Americas

Europe

Asia

Oceania

1/2/98

Country Name

Country S...

Country ...

Time ID

Singapore

United Kingdom

United States of America

United States of America

Australia

United States of America

Asia

Western Europe

Northern America

Northern America

Australia

Northern America

Asia

Europe

Americas

Americas

Oceania

Americas

02/28/2000 12:00

02/02/2000 12:00

08/23/1999 12:00

03/19/2000 12:00

10/30/2000 12:00

06/10/1999 12:00

Task 4: Explore the data in your new project in Oracle Analytics Desktop

No matter what your role is in the organization, access to data timely can provide greater insights to improve the performance of your business. Whether you're creating a data warehouse or a data mart for yourself or others, Autonomous Data Warehouse is making it far simpler than ever before. Easy, fast, and elastic. This small project demonstrates this. This is how business users would interact with the Autonomous Data Warehouse.

SCENARIO: You work at an electronics reseller company. The founder started his business by selling camera and photography equipment. He has already diversified his business portfolio, as he already owns many 1-hour photo processing and video rental stores. Over the last few years, his computer reselling business has grown, but he is not convinced that the PC/server business will last. His instincts tell him to continue to focus on growing his photography equipment and supplies business rather than PCs. If you had access to this Oracle technology and solution, what would this data tell him? What insights could you share? How could this data help him focus on the right investments, grow his business, and better target his existing and potential customers?

1. You are back in the project window, with the **Data** tab selected. In the previous task, we saw how easy it was, with the Data tab selected, to open the SALES_HISTORY dataset in the palette and browse the data elements. You may look at the data again now, by right-clicking the SALES_HISTORY dataset and selecting **Open** from the pop-up menu. Or prepare for the next task by clicking the **Visualize** tab to bring up a blank canvas.

file:///C:/temp/Autonomous Database Quickstart Workshop _ Lab 5_ Visualize Your Data_OAD6_2.html

18/24

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

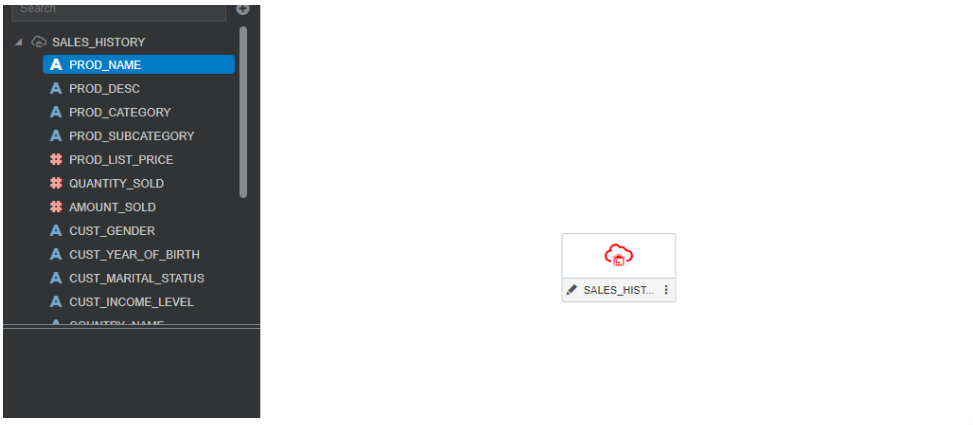
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

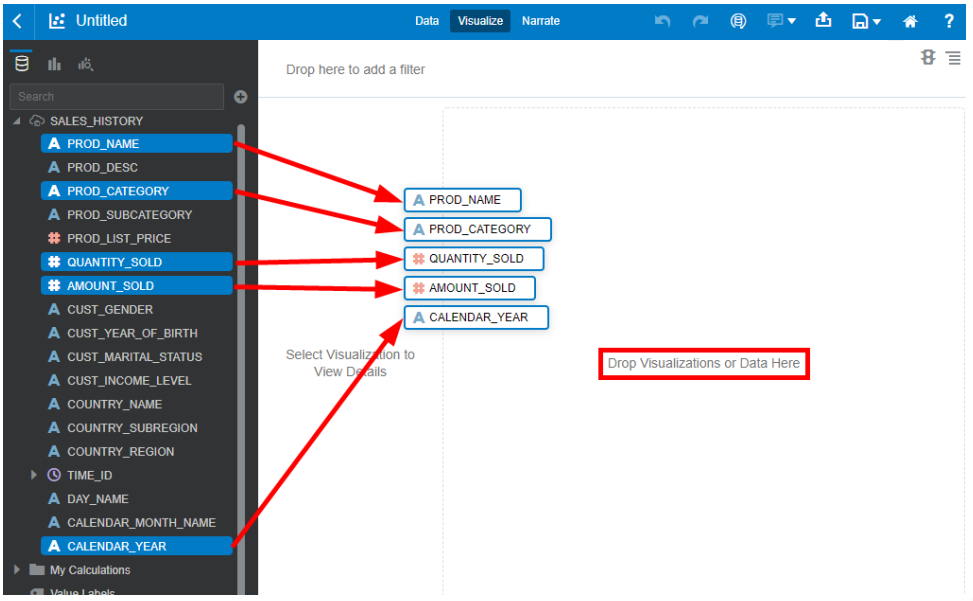
Acknowledgements

+ Need Help?



Task 5: Create your first data visualization

1. We will now create a very simple visualization project to finish this part of the lab. Multi-select (ctrl+click) the 5 Data Elements within **SALES_HISTORY**, including **PROD_NAME**, **AMOUNT_SOLD**, **CALENDAR_YEAR**, **PROD_CATEGORY**, and **QUANTITY_SOLD**.
2. Drag the five selected data elements to the middle of the screen.



3. Based upon this data, Oracle Analytics Desktop will choose a default visualization. In this example, Oracle Analytics Desktop chose **Scatter** as the Auto Visualization. You can choose among several dozen other diagram types from the Auto Visualization drop-down menu.

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

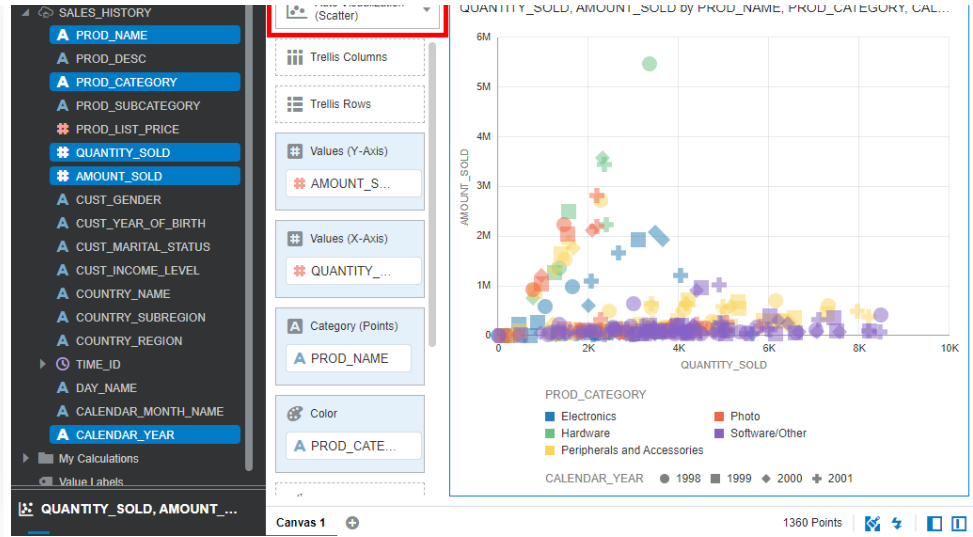
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

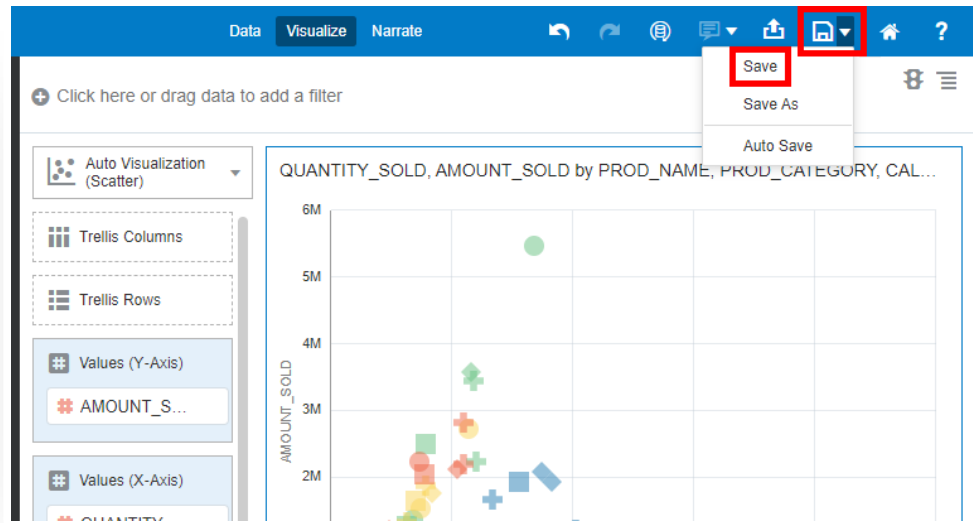
Want to learn more?

Acknowledgements

+ Need Help?



4. You may save this project if you need. Click the **Save** button in the upper right corner. Select **Save** from the drop-down menu. In the **Save Project** dialog, provide a project name and click **Save**. You will receive a message that the project was saved.



Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

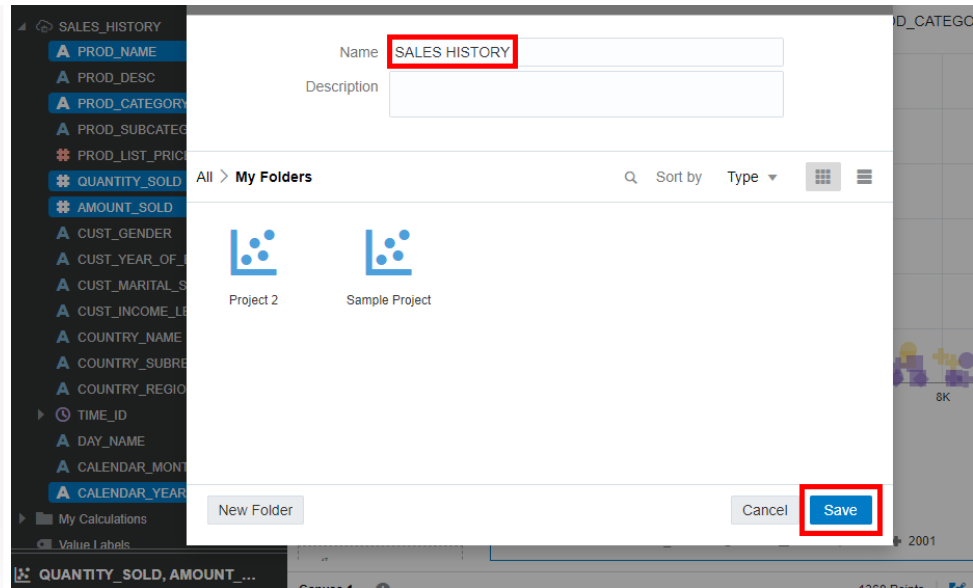
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

Want to learn more?

Acknowledgements

+ Need Help?

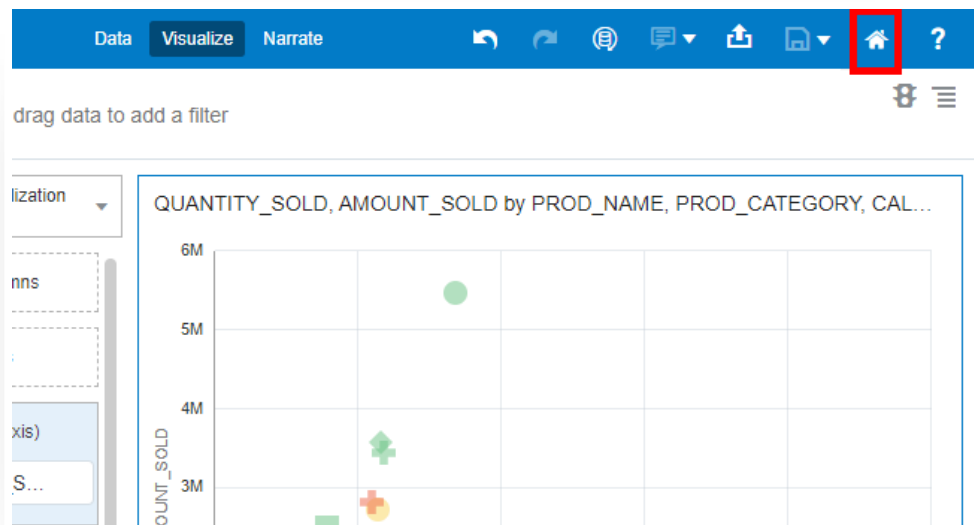


At this point, with very few steps, you now have something that can further bring your data to life and you can begin to make some data-driven decisions. As you share this with others, more people will want to gain access to and benefit from the data. To enable this, the Oracle Autonomous Database in ADW or ATP is easy to use, fast, elastic, and will be able to quickly scale to meet your growing data and user base.

(Optional) Task 6: Export your project as a DVA file

This task enables you to share your project file with colleagues.

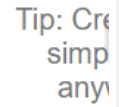
1. Click the **Home** button at the top right corner of the screen.



2. Wait for the Oracle Analytics Desktop home page to appear. Your new project will appear under **Projects**. Click the **Actions** menu at the bottom right corner of your project tile and choose **Export**.

?

+ Need Help?



- 22/24

Autonomous Database Quickstart Workshop



+ Introduction

+ Get Started

+ Lab 1: Provision an Autonomous Database

+ Lab 2: Work with Free Sample Data Sets

+ Lab 3: Load Data

+ Lab 4: Query External Data

- Lab 5: Visualize Your Data

Introduction

Task 1: Install Oracle Analytics Desktop on a Windows desktop

Task 2: Create a view by executing the provided script in SQL Worksheet

Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop

Task 4: Explore the data in your new project in Oracle Analytics Desktop

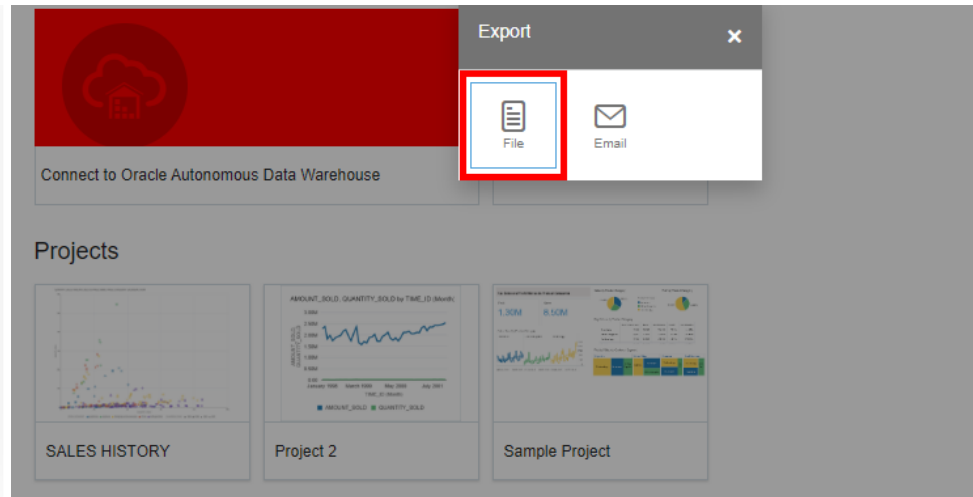
Task 5: Create your first data visualization

(Optional) Task 6: Export your project as a DVA file

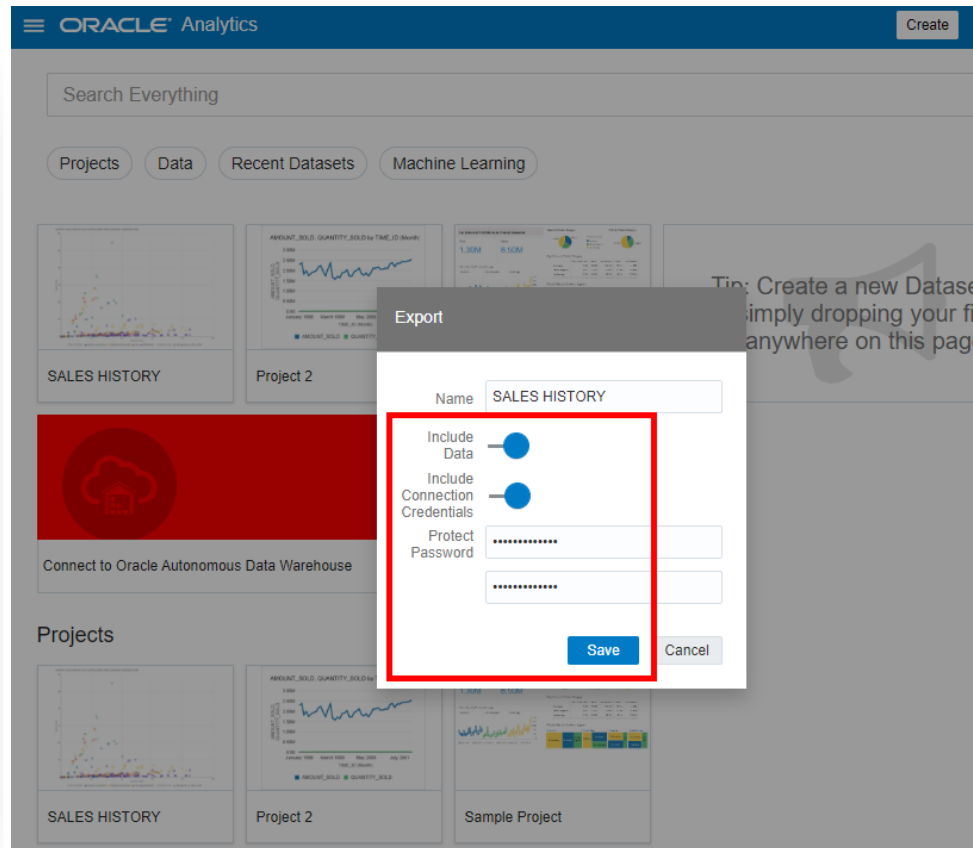
Want to learn more?

Acknowledgements

+ Need Help?



4. Provide a file name. Specify whether you want to include the project's data and connection credentials. Provide a password and click **Save**. In the **Save File** dialog, save the DVA file to a folder in your local computer.



Want to learn more?

See the [documentation](#) on working with analytics and visualization of data in your Oracle Autonomous Database.

Acknowledgements

- **Author** - Nilay Panchal, ADB Product Management
- **Adapted for Cloud by** - Richard Green, Principal Developer, Database User Assistance

Autonomous Database Quickstart Workshop



+ Introduction	
+ Get Started	

[About Oracle](#) [Contact Us](#)
[Products A-Z](#) [Terms of Use & Privacy](#) [Cookie Preferences](#) [Ad Choices](#)

© Oracle

Task 1: Install Oracle Analytics Desktop on a Windows desktop	
Task 2: Create a view by executing the provided script in SQL Worksheet	
Task 3: Create a connection to your Oracle Autonomous Database from Oracle Analytics Desktop	
Task 4: Explore the data in your new project in Oracle Analytics Desktop	
Task 5: Create your first data visualization	
(Optional) Task 6: Export your project as a DVA file	
Want to learn more?	
Acknowledgements	
+ Need Help?	