

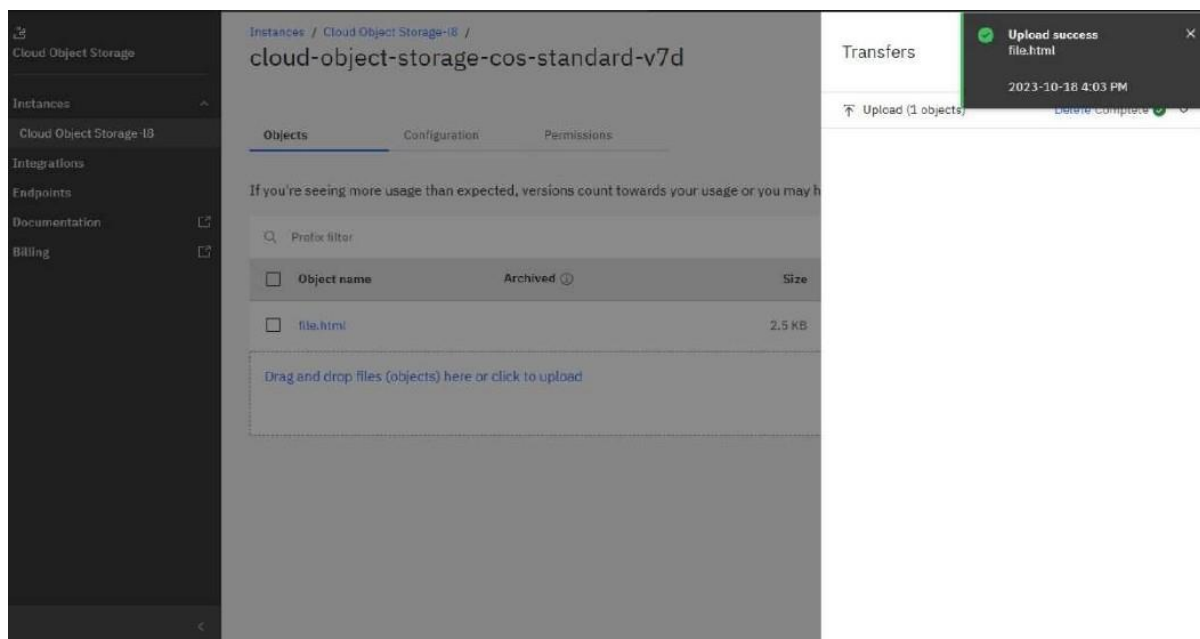
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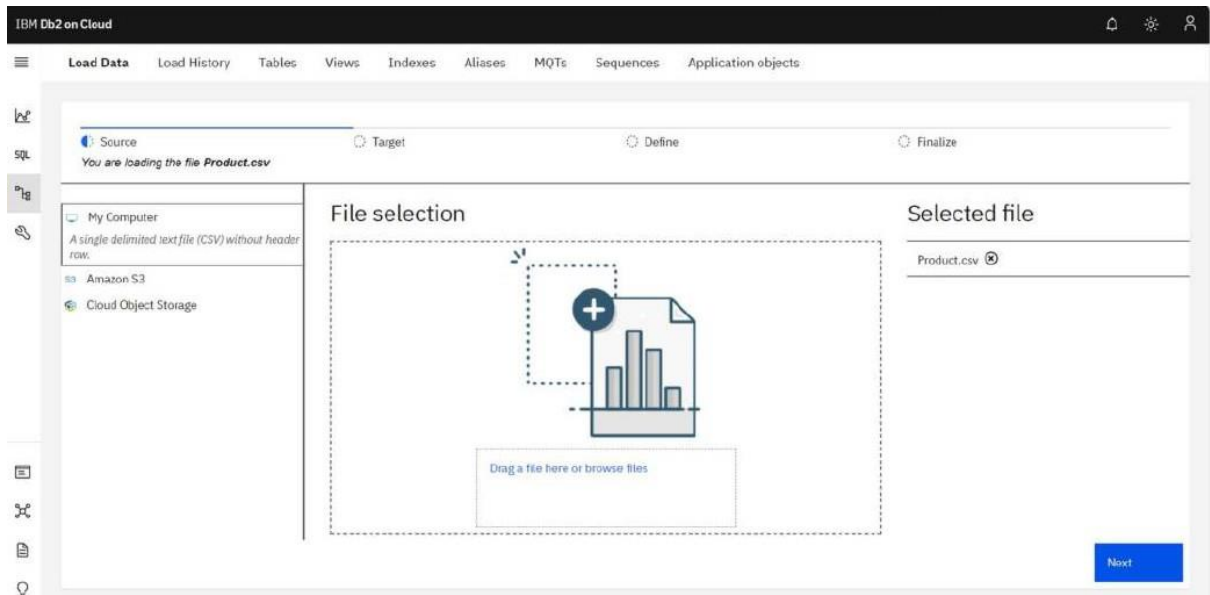
E-commerce Application on IBM Cloud Foundry

PROBLEM STATEMENT:

- Building an artisanal e-commerce platform to connect skilled artisans with a global audience
- This application showcases their handmade products and provides features like
- secure shopping carts, payment gateways, and an intuitive checkout process
- Adding features which enhances Platform Design, Product Showcase, User
- Authentication, Shopping Cart and Checkout, Payment Integration, and User Experience

CREATING A LOGIN PAGE OR HOME PAGE





IBM Db2 on Cloud

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

SQL

Source

Target

Define

Finalize

You are loading the file **Product.csv** into **ZWS19489.PRODUCT**

Select a load target

Refresh

Schema

Find schemas

ZWS19489

Table

Find tables in ZWS19489

PRODUCT

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Define

Finalize

You are loading the file **Product.csv** into **ZWS19489.PRODUCT**

Code page (character encoding): 1208 (UTF-8)

Separator: ,

Header in first row: ☒

Time & date format:

Detect data types: ☐

	PRODUCT_NAME VARCHAR(27)	PRODUCT_DETAILS VARCHAR(157)	PRODUCT_PRICE VARCHAR(7)	PRODUCT_REVIEW VARCHAR(22)
1	Handmade Wooden Coaster Set	Set of 4 handcrafted wooden coasters, made from sustainable materials. Perfect for protect	\$40.00	10 stars(10 reviews)
2	Handmade Ceramic Mug	Unique and stylish ceramic mug, handmade by a local artisan. Perfect for enjoying your favo	\$19.99	5 stars (10 reviews)
3	Handmade Soap	All-natural handmade soap, made with essential oils and botanicals. Gentle on the skin and	\$14.99	4.5 stars (20 reviews)
4	Handmade Jewelry	Beautiful and unique handmade jewelry, made from a variety of materials, including preciou	\$9.99	5 stars (50 reviews)
5	Handmade Scarf	Soft and cozy handmade scarf, made from wool or other natural fibers. Perfect for keeping y	\$29.99	5 stars (100 reviews)
6	Handmade Hat	Stylish and functional handmade hat, made from a variety of materials, including wool, straw	\$39.99	4.5 stars (30 reviews)
7	Handmade Quilt	Warm and inviting handmade quilt, made from a variety of fabrics. Perfect for adding a touc	\$29.99	5 stars (20 reviews)
8	Handmade Table runner	Beautiful and stylish handmade table runner, made from a variety of fabrics. Perfect for dres	\$199.99	5 stars (10 reviews)
9	Handmade pillow set	Set of 2 handcrafted pillowcases, made from a variety of fabrics. Perfect for adding a touch	\$39.99	5 stars (15 reviews)
10	Handmade Candle	All-natural handmade candle, made with soy wax and essential oils. Perfect for creating a re	\$29.99	5 stars (25 reviews)

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Clear all

Load details

COMPLETE

My computer

Product.csv

Target

ZWS19489.PRODUCT

10

10

0

Rows read

Rows loaded

Rows rejected

Start time

10/18/2023 1:18:58 PM

End time

10/18/2023 1:19:02 PM

Status

Settings

The data load job succeeded.

You can now work with your data.

Errors

Warnings

No errors

IBM Db2 on Cloud

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+

STATUS	SOURCE	FILENAME	TARGET	REQUESTED BY	ROWS LOADED	ROWS REJECTED
Success	My computer	Product.csv	ZWS19489.PRODUCT	zws19439	10	0

IBM Db2 on Cloud

Data objects Saved objects

Find objects

ZWS19489

Tables

PRODUCT

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MQTs

Aliases

Nicknames

*Untitled ... X +

Syntax assistant

Run selected

```
1 SELECT *
2 FROM PRODUCT;
3
4 CREATE TABLE website (
5     DETAILS VARCHAR(255),
6     NAME VARCHAR(255),
7     PRICE VARCHAR(255),
8     REVIEW INT
9 );
10 select * from website;
11 INSERT INTO website(DETAILS,NAME,PRICE,REVIEW)values('beautiful','jewellery',200,4);
12 INSERT INTO website(DETAILS,NAME,PRICE,REVIEW)values('unique','craft',250,5);
13 INSERT INTO website(DETAILS,NAME,PRICE,REVIEW)values('stylish','flowerpot',270,5);
14 INSERT INTO website(DETAILS,NAME,PRICE,REVIEW)values('goodness','craft',250,5);
15 select * from website;
16
17
```

IBM Db2 on Cloud

Data objects Saved objects

Find objects

ZWS19489

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Nicknames

*Untitled ... X +

Syntax assistant

Run all

```
1 select * from PRODUCT;
```

History

Find by statement or status

Script	Date	Status	Runtime
Untitled - 1	Oct 18, 2023 1:47:14 PM	1	0.009 s
select * from PRODUCT			0.009 s

```
File Edit Selection View Go Run Terminal Help
product page

RUN AND... Launch Ch...

> VARIABLES
WATCH
CALL STACK
BREAKPOINTS
BROWSER BREAKPOINTS

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>Ecommerce artisan homemade decor</title>
5 <link rel="stylesheet" href="style.css">
6 </head>
7 <body>
8
9 <div class="main">
10 <div class="navbar">
11 <div class="icon">
12 <h2 class="logo">Artisan</h2>
13 </div>
14
15 <div class="menu">
16 <ul>
17 <li><a href="#">HOME</a></li>
18 <li><a href="#">PRODUCT</a></li>
19 <li><a href="#">SHOPPING CART</a></li>
20 <li><a href="#">WILLIST</a></li>
21 <li><a href="#">CONTACT</a></li>
22 </ul>
23 </div>
24
25 <div class="search">
26 <input class="srch" type="search" name="" placeholder="Type to text">
27 <a href="#"><button class="btn">Search</button></a>
28 </div>
29
30 </div>
31 <div class="content">
32 <h1>Ecommerce artisan & <br><span>Handmade</span> <br><span>Decor</span></h1>
33 <p class="par">Welcome to our artisans' E-commerce website, where creativity meets craftsmanship,<br>Explore a world of exquisite
34 </p>
35 </div>
36
37 <button class="btn" href="#">JOIN US</button>
```

```
File Edit Selection View Go Run Terminal Help
product page

RUN AND... Launch Ch...

> VARIABLES
WATCH
CALL STACK
BREAKPOINTS
BROWSER BREAKPOINTS

# style.css
1 *{
2   margin: 0;
3   padding: 0;
4 }
5
6 .main{
7   width: 100%;
8   background: linear-gradient(to top, rgba(0,0,0,0.5) 50%, rgba(0,0,0,0.5) 50%), url(1.jpg);
9   background-position: center;
10  background-size: cover;
11  height: 100vh;
12 }
13
14 .navbar{
15   width: 1200px;
16   height: 75px;
17   margin: auto;
18 }
19
20 .icon{
21   width: 200px;
22   float: left;
23   height: 70px;
24 }
25
26 .logo{
27   color: #fff700;
28   font-size: 35px;
29   font-family: Arial;
30   padding-left: 20px;
31   float: left;
32   padding-top: 10px;
33   margin-top: 5px;
34 }
35
36 .menu{
37   width: 400px;
```

