



BUILDING AN ARTISANAL E-COMMERCE PLATFORM WITH IBM CLOUD FOUNDRY

BY TEAM CLOUD CHASERS

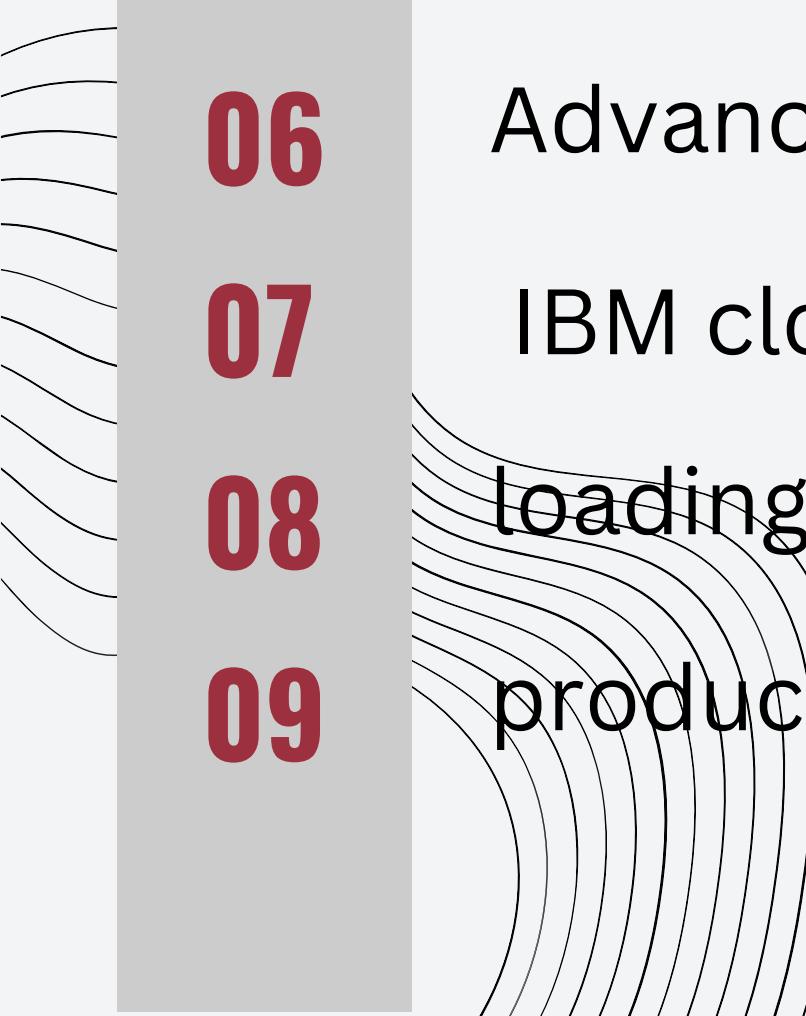
1. *Yuvashri S*
(211521244062)
2. *Swathikasri S*
(211521244052)
3. *Swetha V*
(211521244054)
4. *Swetha G S*
(211521244053)
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PHASE 4

Development part 2

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

- 
- 01 Creating a login page or home page
 - 02 Product showcase and descriptions
 - 03 Authentication and registration
 - 04 Modeling Shopping Cart and Checkout process
 - 05 Secure Payment
 - 06 Advanced user Experience
 - 07 IBM cloud foundry
 - 08 loading data into storage
 - 09 products inserted into db2

01

CREATING A LOGIN PAGE OR HOME PAGE

Ecommerce artisan & **Handmade** Decor

Welcome to our artisans' E-commerce website, where creativity meets craftsmanship!
Explore a world of exquisite handmade decor, lovingly crafted by skilled artisans,

[JOIN US](#)[Login Here](#)[Login](#)[Don't have an account](#)[Sign up here](#)[Log in with](#)

**IMPLEMENTED IN IBM CLOUD USING DB2
AND
CLOUD STORAGE**

Cloud Object Storage - IBM Cloud

https://cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2Fa0989f34bf984cb79ac7b...

IBM Cloud

Search resources and products...

Catalog Manage swetha G S's Account

Cloud Object Storage Instances / Cloud Object Storage-l8 / cloud-object-storage-cos-standard-v7d

Transfers

Upload success file.html 2023-10-18 4:03 PM

Upload (1 objects) Delete Complete

Instances

Cloud Object Storage-l8

Objects Configuration Permissions

If you're seeing more usage than expected, versions count towards your usage or you may h

Prefix filter

<input type="checkbox"/> Object name	Archived ⓘ	Size
file.html		2.5 KB

Drag and drop files (objects) here or click to upload

90°F Haze

Search

Cloud Object Storage - IBM Cloud

4:03 PM 10/18/2023

Microsoft Edge | What's New | skillup login - Search | Steps to Create IBM Cloud Accou | Service Details - IBM Cloud

https://cloud.ibm.com/services/dashdb-for-transactions/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fa0989f34bf... A

IBM Cloud Search resources and products... Catalog Manage swetha G S's Account

Resource list / Db2-yd Active Add tags Details Actions...

Manage Getting started Service credentials Connections

Service credentials You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

New credential +

Key name	Date created
Service credentials-1	2023-10-18 12:14 PM

32°C Haze

12:14 18-10-2023 ENG IN

Windows Taskbar icons: Start, Search, File Explorer, Microsoft Edge, File Explorer (1), myhp, Microsoft Edge (88), Microsoft Teams, Microsoft Word, Microsoft Excel.

Microsoft Edge | What's New | skillup login - Search | Steps to Create IBM Cloud Account | Service Details - IBM Cloud

https://cloud.ibm.com/services/dashdb-for-transactions/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fa0989f34bf...

IBM Cloud Search resources and products... Catalog Manage swetha G S's Account

```
"zws19489",
"-p",
"nBtr13esbhB5TRim",
"--ssl",
"--sslCAFile",
"1dd14d0c-1b52-4f63-a606-53ecba28771d",
"--authenticationDatabase",
"admin",
"--host",
"ea286ace-86c7-4d5b-8580-3fbfa46b1c66.bs2io90108kqb1od81cg.databases.appdomain.cloud:31505"
]
],
"bin": "db2",
"certificate": {
  "certificate_base64": "LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURIVENDQWdXZ0F3SUJBZ01VT3dvMC9va09CUEN5RjFWeFJxVGhKRW9ubDBVd0RRWUpLb1pJaHZjTkFRRUwKQ1FBd0hqRWNNQm9HQTFVRUF3d1RTVUpOSUV0c2IzVmtJRVJoZEdGaV1YTmxjekF1RncweU1EQTRNRF3TWpVMwpNalphRncwek1EQTRNRE13TwpVM01qWmFNQjR4SERBYUJnT1ZCQU1NRTBsQ1RTQkRiRzkxWkNCRV1YUmhZbUZ6C1pYTXdnZ0VpTUEwR0NTcUdTSWIzRFFFQkFRVUFBNElCRHdBd2dnRUtBb01CQVFEB0ZFNGQ0SGd0eXZMUVIwR3gKQTB0amRXQnM4NVbJTDNyRStjN1R3K2diRUdQSUxJU0VZV3o4Y1g1TG1XQk0rY1Fn0G9VeSsrQXJ30EoxaXdRZQpySm1IU2I1c1F4WTM0c3BQeGRFVEZkWEhScnJhMGU2VmM4MW42T11JL0ZHSn11Q3h1TG5GMUTFQW9hbHYwaDM2CnhDT0FvcXRwT1F1TzNpMTRGeU0yRDRiajkxcki4RGk4Vy9XMVpVdVhMNGwzZXLZUVCeTRuZmhJV3kySVc3aUMKbGpMZ3R1N3hZTDVhbVpKOudsYwtrSnJ1cnpNREFQLzVUYnR1UUIdE1odTBRSVRFZH1ESVFYUEZGRDBHYz1oZAo3M29JdnpVZUJ3VC9uRHN30TJNNC82SkdtZwpKn01pdFBTN3Y2a2d1UVhIND1BaUVJNXpQdUVpVzNOYi9GR0pYcmY2a2JBZ01CQUFHAlV6Q1JNqjBHQTFRZERnUVdCQ1R2Rz2RU5MRjFVbWZnQ003Mmx0cmMzSDI2bURBZkJnT1YKSFNNRUdEQVdnQ1R2Rzz2RU5MRjFVbWZnQ003Mmx0cmMzSDI2bURBUEJnT1ZIuk1CQWY4RUJUQURBUUgvTUEwRwpDU3FHU01iM0RRRUJDd1VBQTRJQkFRQTgvdFVnUTZ1aTZYWHZndDJ0dUdibkpva1Y5UWNkaTNZbFVFWkNDUytjC1VQZ3NnMnVBM1dxch1WTm1mRkhjcHZ1Vmp0VHRYTmk2NUM2W1ZsRnYxc3p1cU9zdFB5bkJ4b1N4cUs0dkc0dTkKVjBWRUgxcE1tZnZBSmxkV3c4UEJTZGjtTk1HdGM4Sz1wT0o50VdBQ1ZFRXVXVGdDeHJKTFBZnpYUX1idUV0dwp0cW1pV2swTmVXNGk5ZEY4S2dTWWVaQWFodXVBS1R1dXB2R2RPV1U0eEV4bm03aEVRbmZPV2ZITThDd08xNWFZC1RGQ2s0Q0pDUmR4M1g5U284V3o1Z3MzcncyRkFDQ1JyZ0NYeFFDZnZrZTZUdVNHNkxFRHJHbmpWaXVSQkpZdW4KT1RxWXRoaVBHaHpuTHJ1L0Fzam1LMzBxQmFLTmFyNUdQajhqa1pNb2Riz04KLS0tLS1FTkQgQ0VSVE1GSUNBVEUtls0tLQo=",
  "name": "1dd14d0c-1b52-4f63-a606-53ecba28771d"
},
"composed": [
  "db2 -u zws19489 -p nBtr13esbhB5TRim --ssl --sslCAFile 1dd14d0c-1b52-4f63-a606-53ecba28771d --authenticationDatabase admin --host ea286ace-86c7-4d5b-8580-3fbfa46b1c66.bs2io90108kqb1od81cg.databases.appdomain.cloud:31505"
],
"environment": {},
"type": "cli"
},
"db2": {
}
```

NZ - AFG In 15 hours

12:15 ENG IN 18-10-2023

Microsoft Edge | Wh... | skillup login - Search | IBM Cloud | Module | Video: Basics of Clou... | Steps to Create IBM | Service Details - IBM | IBM Db2 on Cloud | + | - | ×

https://bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fa0989f34bf984...

IBM Db2 on Cloud

Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects

Source Target Define Finalize

You are loading the file **Product.csv**

File selection

Selected file

Product.csv

My Computer
A single delimited text file (CSV) without header row.

Amazon S3

Cloud Object Storage

Drag a file here or browse files

Next

NIFTYMID100 -0.83%

13:12 18-10-2023 ENG IN

Microsoft Edge | Wh... | skillup login - Search | IBM Cloud | Module | Video: Basics of Clou... | Steps to Create IBM | Service Details - IBM | IBM Db2 on Cloud | +

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IBM Db2 on Cloud

Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects

Source Target Define Finalize

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

Select a load target

Refresh

Schema

Find schemas

ZWS19489

Table

New table +

Find tables in ZWS19489

PRODUCT

Back Next

SENSEX -0.72%

13:15 18-10-2023 ENG IN

The screenshot shows the IBM Db2 on Cloud interface for managing database objects. The main navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Load Data' tab is active. A progress bar indicates the current step: 'Source' (green), 'Target' (blue, selected), 'Define' (grey), and 'Finalize' (grey). A message states: 'You are loading the file Product.csv into ZWS19489.PRODUCT'. Below this, a section titled 'Select a load target' shows two panels: 'Schema' (containing 'ZWS19489') and 'Table' (containing 'PRODUCT'). Both panels have a 'Find' search bar and a checkmark icon. At the bottom are 'Back' and 'Next' buttons. The left sidebar contains icons for 'SQL', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', 'Application objects', and 'Dashboard'. The bottom taskbar shows system status and date/time.

Microsoft Edge | Wh... X | skillup login - Search X | IBM Cloud | Module X | Video: Basics of Clou... X | Steps to Create IBM X | Service Details - IBM X | IBM Db2 on Cloud X + -

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IBM Db2 on Cloud

Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects

Source Target 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 stare(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, strav	\$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 touch	\$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)

Back Next

SENSEX -0.72% 13:15 18-10-2023 ENG IN

Microsoft Edge | Wh... | skillup login - Search | IBM Cloud | Module | Video: Basics of Clou... | Steps to Create IBM | Service Details - IBM | IBM Db2 on Cloud | +

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IBM Db2 on Cloud

Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects

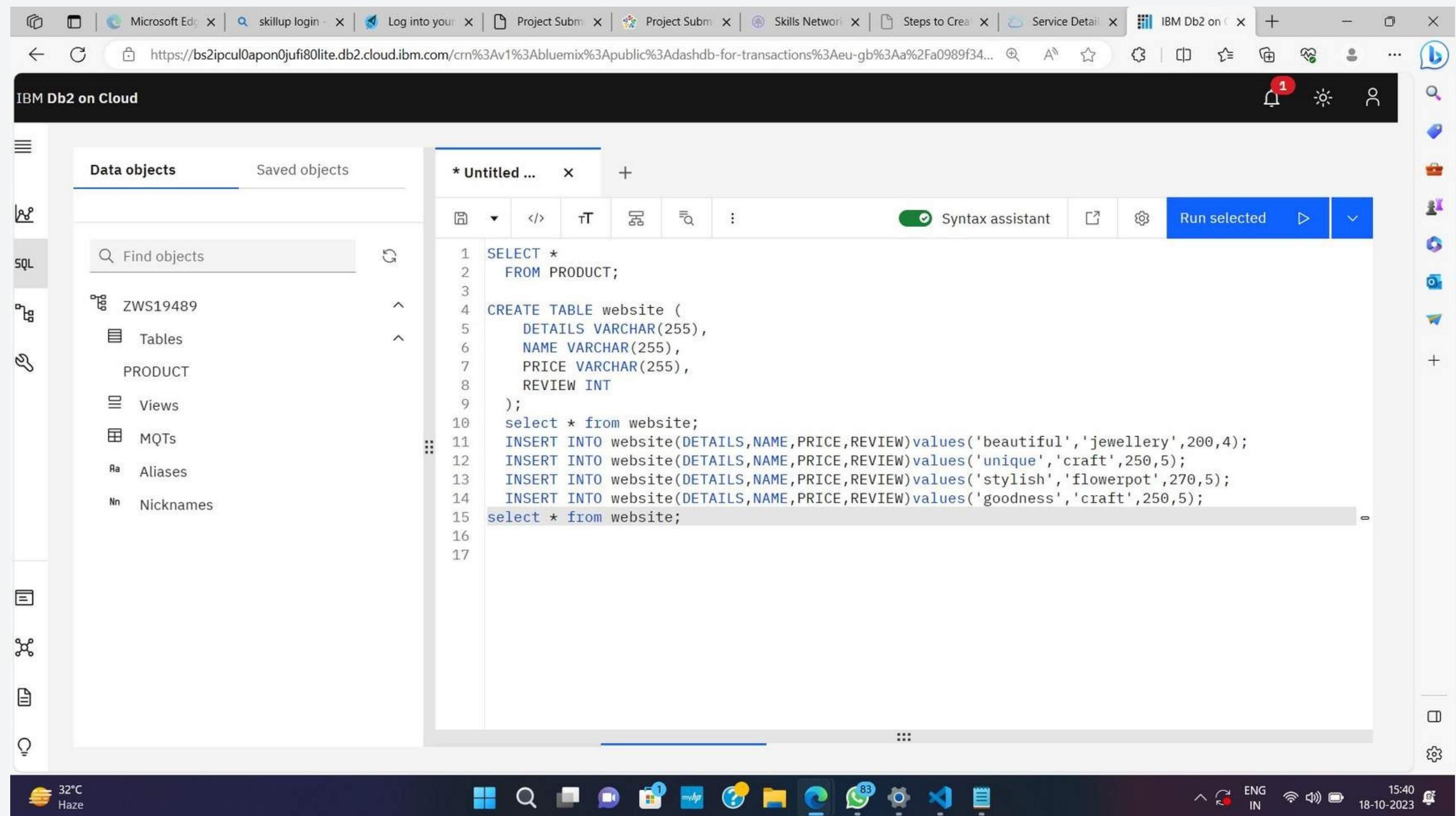
Load Data +

STATUS	SOURCE	FILENAME	TARGET	REQUESTED BY	ROWS LOADED	ROWS REJECTED
Success	My computer	Product.csv	ZWS19489.PRODUCT	zws19489	10	0

https://bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fa0989f34bf984cb79ac7bbd89abf8be7%3A30abc93e-cc1b-43c2-8731-a9d75c094588%3A%3A/console/index.html#/load/history

SA - NED
NED win

13:21 ENG IN 18-10-2023



Microsoft Edge | skillup login... | Recording | Course | CC0 | Steps to Create | Service Detail | IBM Db2 on Cloud | Getting started | ibm bd2 cod... | +

https://bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fa0989f34bf984...

IBM Db2 on Cloud

Data objects Saved objects

SQL

ZWS19489

Tables

PRODUCT

Views

MQTs

Aliases

Nicknames

* Untitled ...

1 select * from PRODUCT;

Syntax assistant Run all

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

32°C Haze

13:47 18-10-2023

File Edit Selection View Go Run Terminal Help ← → product page

RUN AN... ▶ Launch Ch... ⚙ ... file.html ✘ launch.json style.css script.js 1.jpg

> 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="#">WISHLIST</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>Decor</h1>
33             <p class="par">Welcome to our artisans' E-commerce website, where creativity meets craftsmanship!,<br> Explore a world of exquisite
34             <br>
35             </p>
36
37             <button class="cn"><a href="#">JOIN US</a></button>
```

* master ↗ 0 ⌛ 0 🌐 0 🏠 Launch Chrome (product page) Ln 64, Col 8 Spaces: 4 UTF-8 CRLF HTML

30°C ENG IN 11:10 2023

The screenshot shows a code editor interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** product page
- Toolbar:** RUN AN..., Launch Ch..., ...
- File List:** file.html, launch.json, style.css, script.js, 1.jpg
- Sidebar:**
 - VARIABLES
 - WATCH
 - CALL STACK
 - BREAKPOINTS
 - BROWSER BREAKPOINTS
- Code Editor:**

```
# style.css > .btn
1  *{
2    margin: 0;
3    padding: 0;
4  }
5
6  .main{
7    width: 100%;
8    background: linear-gradient(to top, #ff7200 50%, #fff 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: #ff7200;
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;
```
- Status Bar:** master, Launch Chrome (product page), Ln 98, Col 36, Spaces: 4, UTF-8, CRLF, CSS, 30°C, Mostly clear, ENG IN, 19:10, 11-10-2023

The screenshot shows a browser developer tools debugger interface. The top navigation bar includes File, Edit, Selection, View, Go, Run, Terminal, Help, and a search bar for "product page". The left sidebar contains sections for VARIABLES, WATCH, CALL STACK, BREAKPOINTS, and BROWSER BREAKPOINTS. The main content area displays a script.js file with the following code:

```
script.js > ⚡ <function>
1 (function(doc){
2     var scriptElm = doc.scripts[doc.scripts.length - 1];
3     var warn = ['[ionicons] Deprecated script, please remove: ' + scriptElm.outerHTML];
4
5     warn.push('To improve performance it is recommended to set the differential scripts in the head as follows:');
6
7     var parts = scriptElm.src.split('/');
8     parts.pop();
9     parts.push('ionicons');
10    var url = parts.join('/');
11
12    var scriptElm = doc.createElement('script');
13    scriptElm.setAttribute('type', 'module');
14    scriptElm.src = url + '/ionicons.esm.js';
15    warn.push(scriptElm.outerHTML);
16    scriptElm.setAttribute('data-stencil-namespace', 'ionicons');
17    doc.head.appendChild(scriptElm);
18
19
20    scriptElm = doc.createElement('script');
21    scriptElm.setAttribute('nomodule', '');
22    scriptElm.src = url + '/ionicons.js';
23    warn.push(scriptElm.outerHTML);
24    scriptElm.setAttribute('data-stencil-namespace', 'ionicons');
25    doc.head.appendChild(scriptElm)
26
27    console.warn(warn.join('\n'));
28
29 })(document);
```

The code is annotated with several yellow warning icons. Lines 20-29 are highlighted with a yellow background. Line 20 has a yellow exclamation mark icon. Lines 21-25 have yellow question mark icons. Line 27 has a yellow exclamation mark icon. The status bar at the bottom shows "Ln 20, Col 45" and "Spaces: 4". The bottom right corner shows the date and time "11-10-2023 19:11".

File Edit Selection View Go Run Terminal Help ← → 🔍 ecommerce website

□ □ □ 0% - ⌂ ⌂ ⌂

EXPLORER

ECOMMERCE WEBSITE

- .vscode
- launch.json
- images
- handmade.png
- image 1.jpeg
- image 3.jpg
- code.js
- index.html
- style.css

OUTLINE

TIMELINE

index.html

image 1.jpeg

handmade.png

image 3.jpg

code.js

style.css

```
3 <main>
4   <section class="product-list">
5     <div class="product">
6       
7       <h2>Product 1</h2>
8       <p>$99.99</p>
9       <button>Add to Cart</button>
10      <button class="wishlist">Add to Wishlist</button>
11      <h3>Product Reviews:</h3>
12      <ul class="reviews">
13        <li>Beautiful craft! Highly recommended.</li>
14        <li>This product exceeded my expectations.</li>
15      </ul>
16      <form class="review-form">
17        <label for="review">Write a review:</label><br>
18        <textarea id="review" name="review" rows="4" cols="50"></textarea><br>
19        <button type="submit">Submit</button>
20      </form>
21    </div>
22    <div class="product">
23      
24      <h2>Product 2</h2>
25      <p>$79.99</p>
26      <button>Add to Cart</button>
27      <button class="wishlist">Add to Wishlist</button>
28      <h3>Product Reviews:</h3>
29      <ul class="reviews">
30        <li>This is my favorite product.</li>
31        <li>Excellent quality and value for money.</li>
32      </ul>
33      <form class="review-form">
34        <label for="review">Write a review:</label><br>
35        <textarea id="review" name="review" rows="4" cols="50"></textarea><br>
36        <button type="submit">Submit</button>
37      </form>
38    </div>
39  </section>
40
41  </main>
```

× ⊞ 0 ⌂ 0 ⌂ 0 ⌂ Launch Chrome against localhost (ecommerce website)

In 43 Col 4 Spaces: 4 UTF-8 CRLF HTML ⌂ Go Live ⌂

The screenshot shows the Visual Studio Code (VS Code) interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** ecommerce website
- Explorer View (Left):** Shows the project structure under "ECOMMERCE WEBSITE".
 - .vscode (Folder)
 - launch.json
 - images (Folder)
 - handmade.png
 - image 1.jpeg
 - image 3.jpg
 - JS code.js
 - index.html
 - # style.css
- Editor View (Center):** The "JS code.js" file is open, displaying the following JavaScript code:

```
1 // scripts.js
2
3 // Add event listeners to wishlist buttons
4 const wishlistButtons = document.querySelectorAll('.wishlist');
5 wishlistButtons.forEach(button => {
6   button.addEventListener('click', (event) => {
7     // Add item to wishlist
8     const product = event.target.parentElement;
9     const productName = product.querySelector('h2').innerText;
10    -----
11    // TODO: Implement wishlist functionality
12  });
13});
14
15 // Add event listeners to review forms
16 const reviewForms = document.querySelectorAll('.review-form');
17 reviewForms.forEach(form => {
18   form.addEventListener('submit', (event) => {
19     event.preventDefault();
20     const product = event.target.parentElement;
21     const productName = product.querySelector('h2').innerText;
22     const review = event.target.elements.review.value;
23     -----
24     // TODO: Add the review to the product's reviews list
25
26     event.target.reset();
27   });
28});
```
- Bottom Status Bar:** Shows file status (0 changes), terminal status (Launch Chrome against localhost (ecommerce website)), and other system information (Ln 28, Col 4, Spaces: 4, UTF-8, CRLF, JavaScript, Go Live).

The screenshot shows a dark-themed code editor interface with the title bar "ecommerce website". The menu bar includes File, Edit, Selection, View, Go, Run, Terminal, Help, and a set of navigation icons. The left sidebar contains icons for Explorer, Search, Find, Open, Save, and a gear icon for settings. The Explorer section shows a project structure under "ECOMMERCE WEBSITE" with files like ".vscode", "images", "code.js", and "index.html". The main editor area displays the following CSS code:

```
1  main {  
2      padding: 20px;  
3      display: flex;  
4      flex-wrap: wrap;  
5  }  
6  
7  .product-list {  
8      width: 100%;  
9      display: flex;  
10     flex-wrap: wrap;  
11     justify-content: space-between;  
12  }  
13  
14  .product {  
15      width: calc(45% - 20px);  
16      margin-bottom: 20px;  
17      padding: 10px;  
18      background-color: #f8f8f8;  
19  }  
20  
21  .product img {  
22      max-width: 100%;  
23      height: auto;  
24  }  
25  
26  .product h2 {  
27      font-size: 18px;  
28      margin-top: 10px;  
29      margin-bottom: 5px;  
30  }  
31  
32  .product p {  
33      font-weight: bold;  
34      margin-bottom: 10px;  
35  }  
36  
37  .product button {  
38      margin-bottom: 10px;  
39  }
```

The status bar at the bottom shows "Ln 52, Col 2" and other file-related information.

We enhanced:

- Platform Design
- Product Showcase
- User Authentication
- User Experience

This have some future enhancements like:

- Internationalization
- Artisan Verification
- Live Chat
- Mobile app
- Sustainability Initiatives
- AI and Machine Learning:
- Inventory Management
- Analytics and Reporting
- Subscription Models
- Social Integration