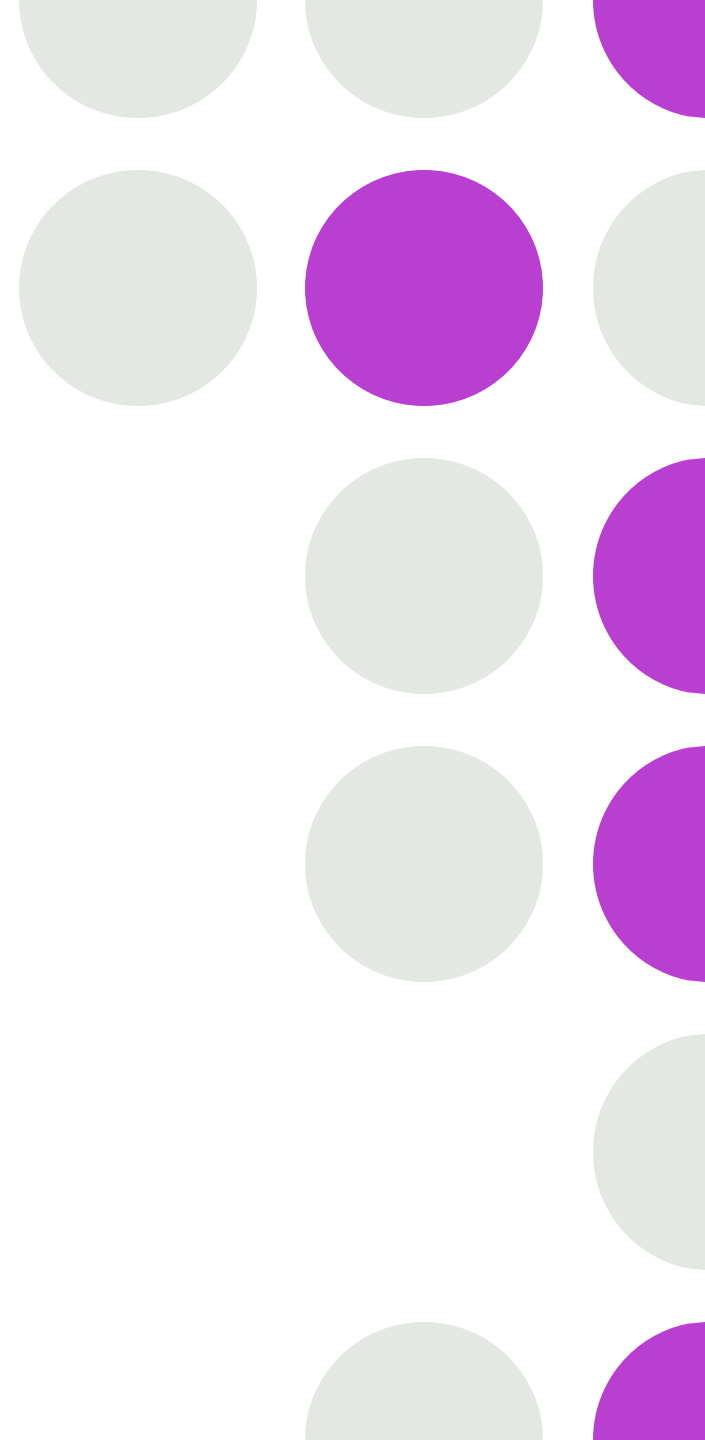


HTML TABLE

Aswin Pradeep

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Structuring Data on the Web

HTML Table

Name	Age	Occupation
Aswin	22	Developer
John	25	Designer
Sarah	28	Project Manager

What are HTML Tables?

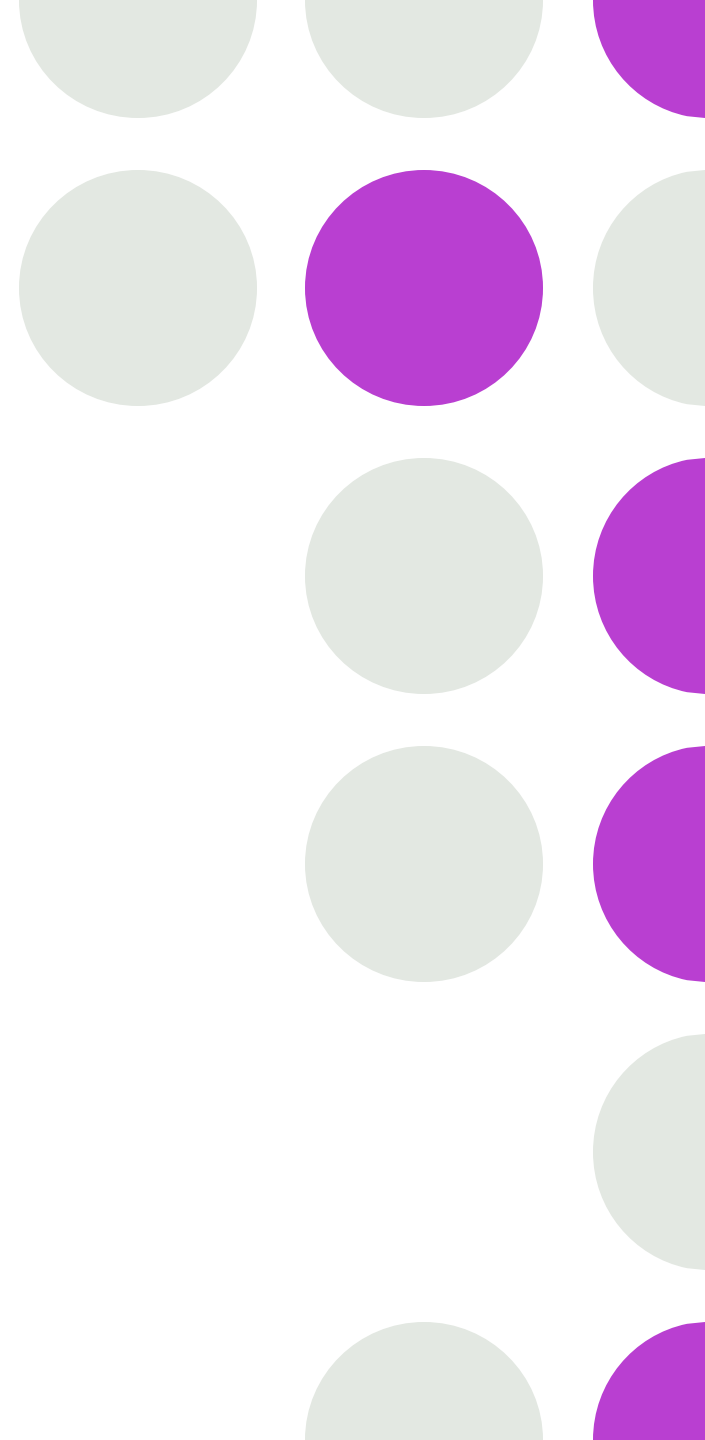
- Definition: HTML tables are used to display tabular data on a web page
- Purpose: Organize and present data in a structured format
- Example:

Simple HTML Table Example

Sl. No.	Name	Age	City
1	John Doe	25	New York
2	Jane Smith	30	Los Angeles
3	Michael Johnson	35	Chicago

Basic Table Structure

- Table tags:
 - <table>
 - <tr> (table row)
 - <td> (table data)
 - <th> (table header)
-



- Example code:

- `<table>`
 - `<tr>`
 - `<th>Name</th>`
 - `<th>Age</th>`
 - `</tr>`
 - `<tr>`
 - `<td>John</td>`
 - `<td>25</td>`
 - `</tr>`
 - `</table>`
-

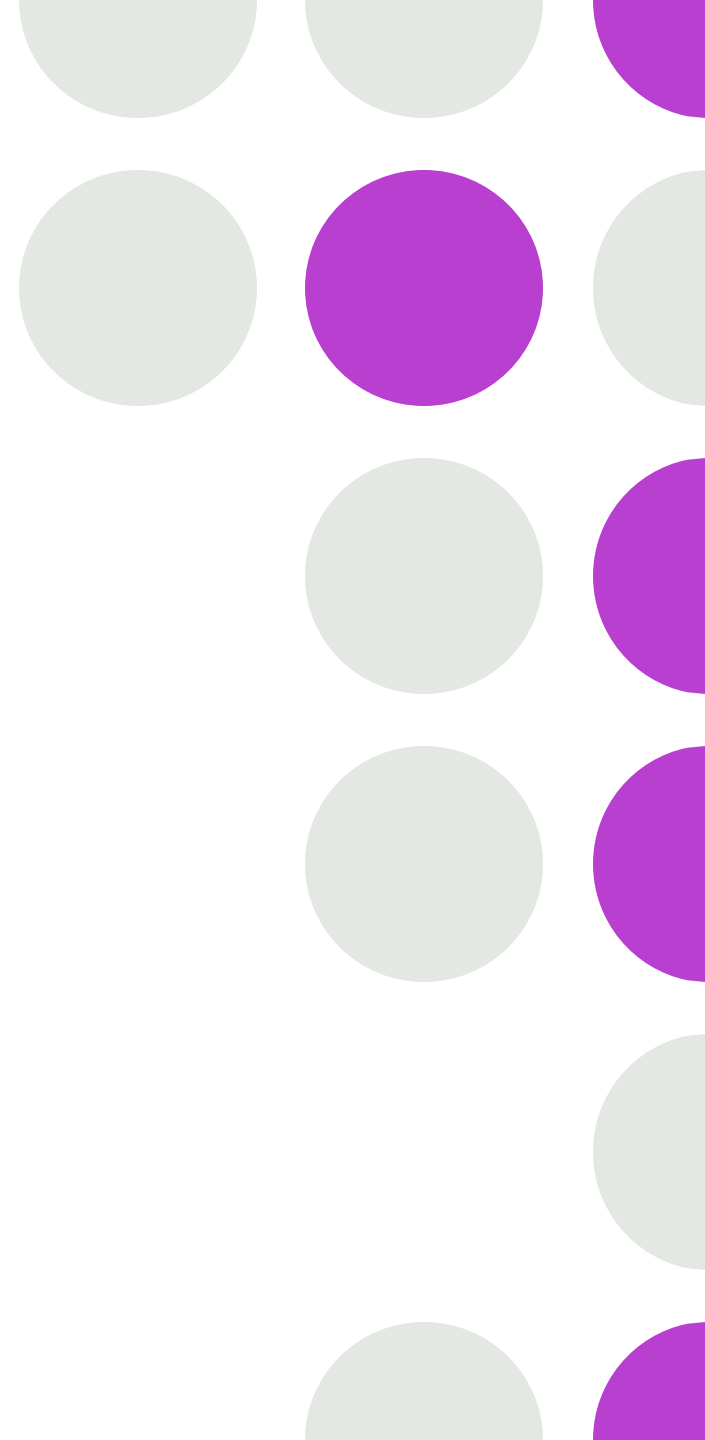
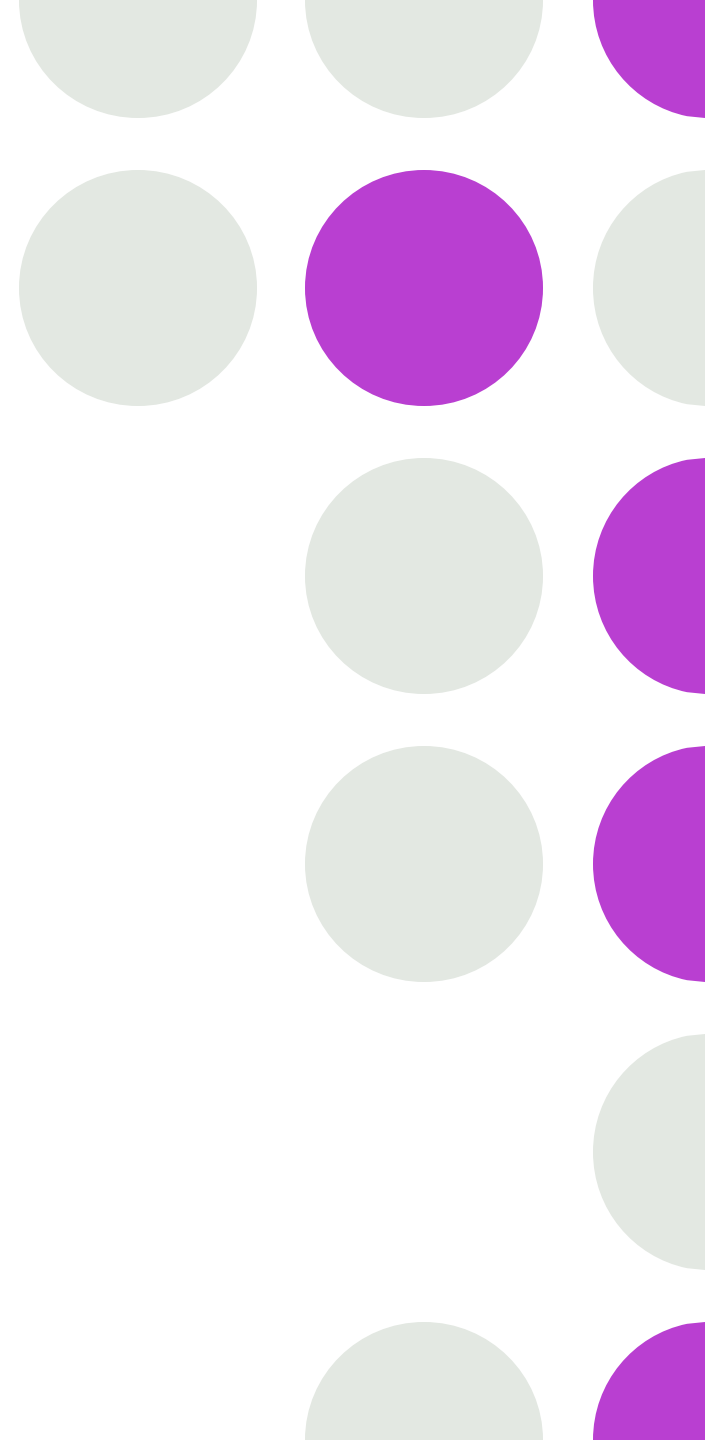


Table Attributes

- border
 - width
 - height
 - cellpadding
 - cellspacing
 - align
-



- Example code:

```
<table border="1" width="50%" cellpadding="5">
```

```
...
```

```
</table>
```

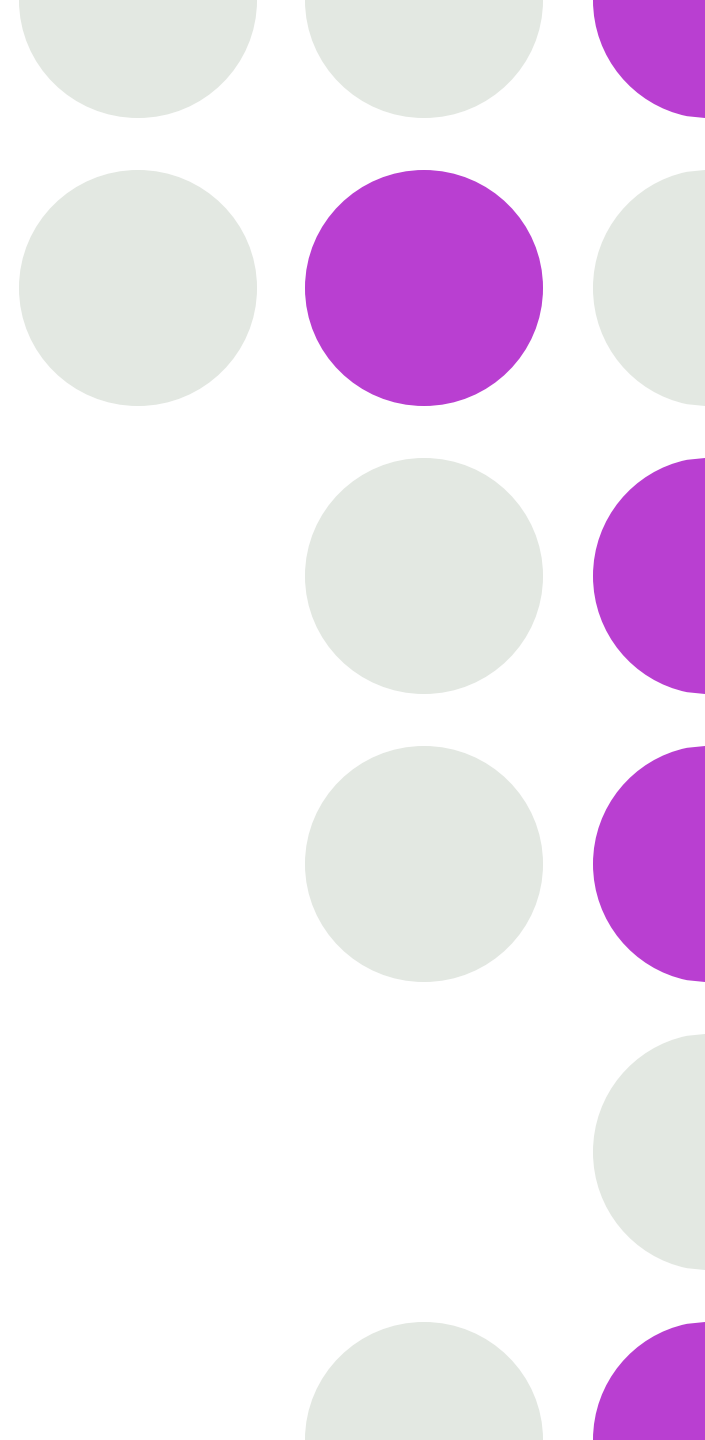
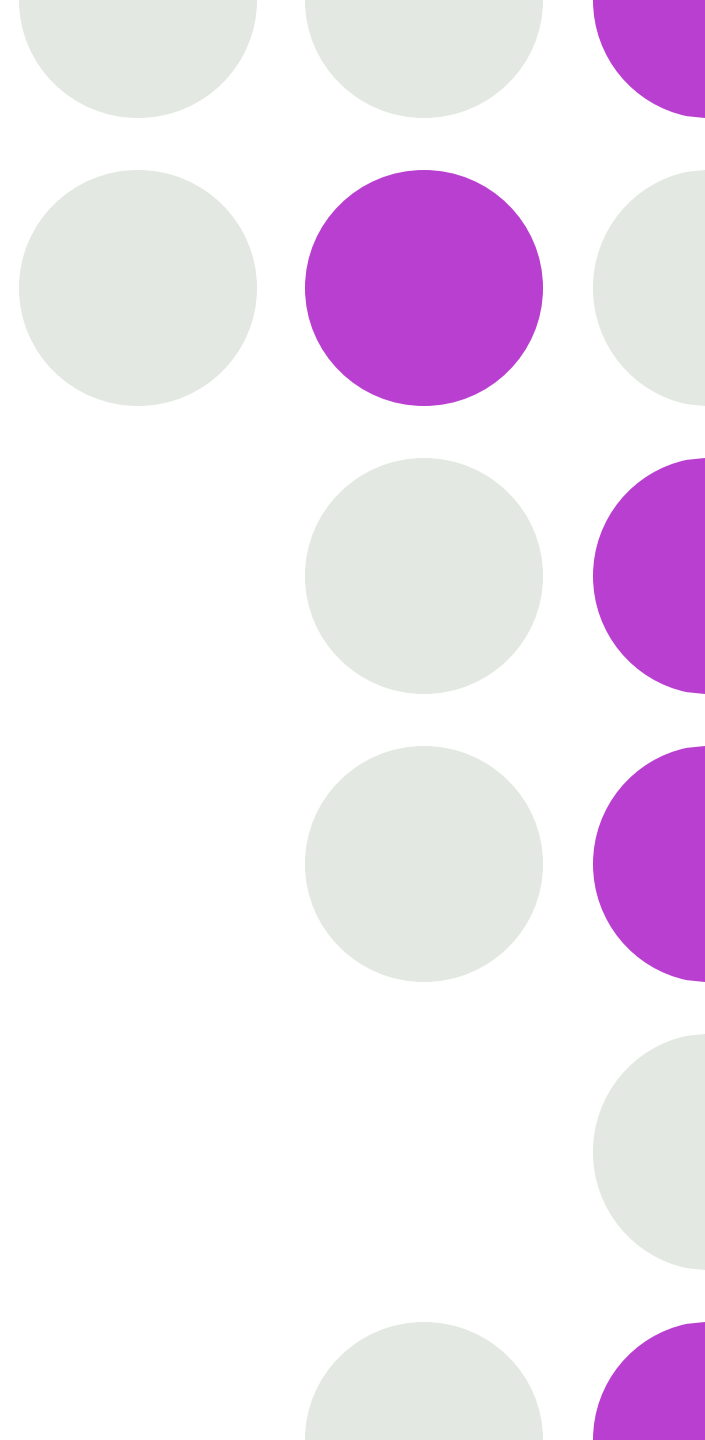


Table Header (TH)

- Definition: Table header cells
 - Attributes:
 - scope (row or col)
 - colspan
 - rowspan
-



- Example code:

```
<table>  
  <tr>  
    <th scope="col">Name</th>  
    <th scope="col">Age</th>  
  </tr>  
  ...  
</table>
```

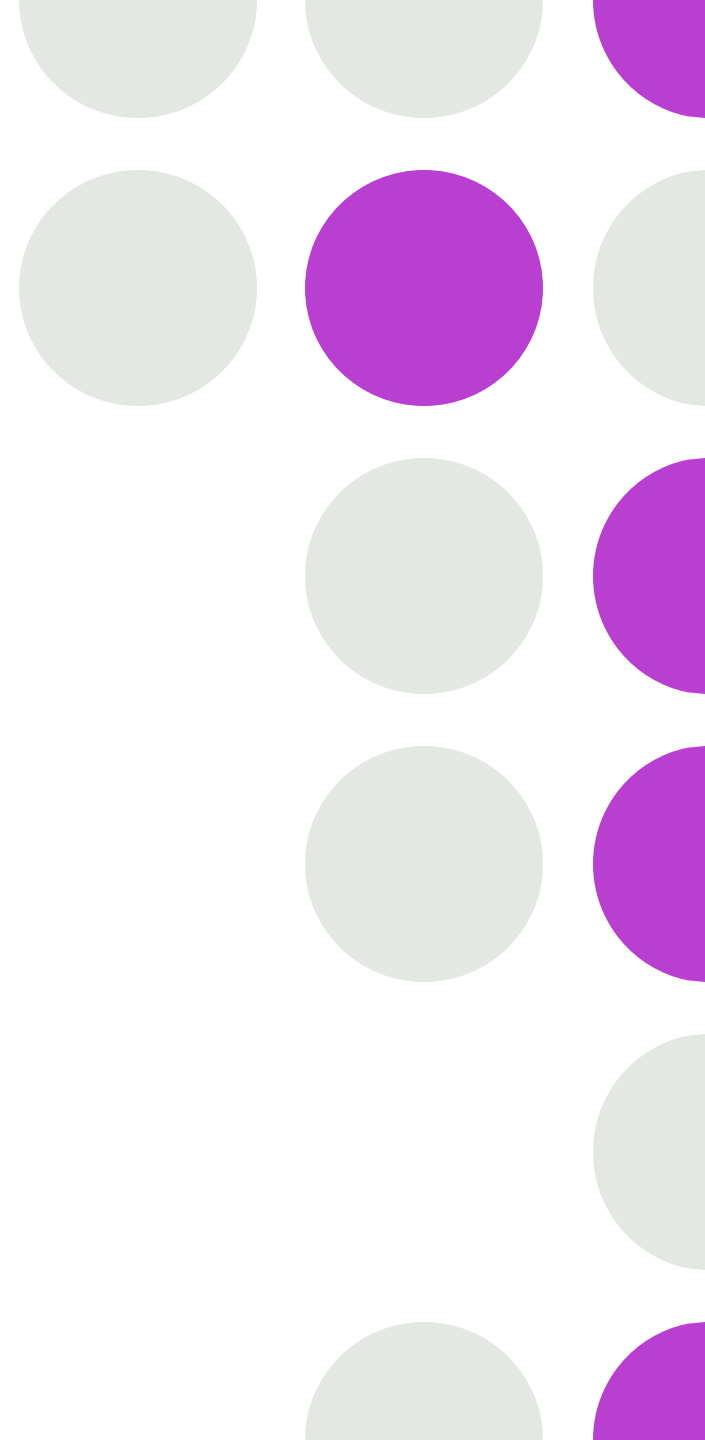
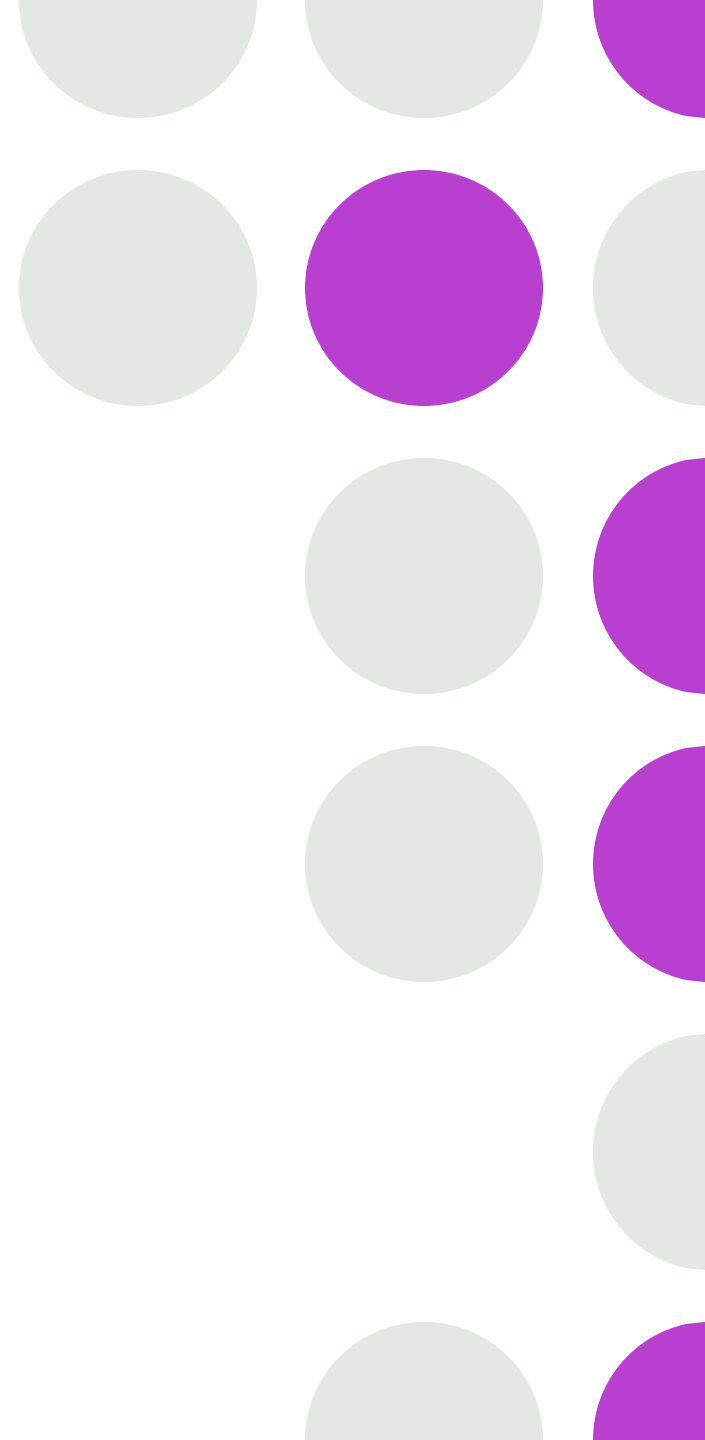


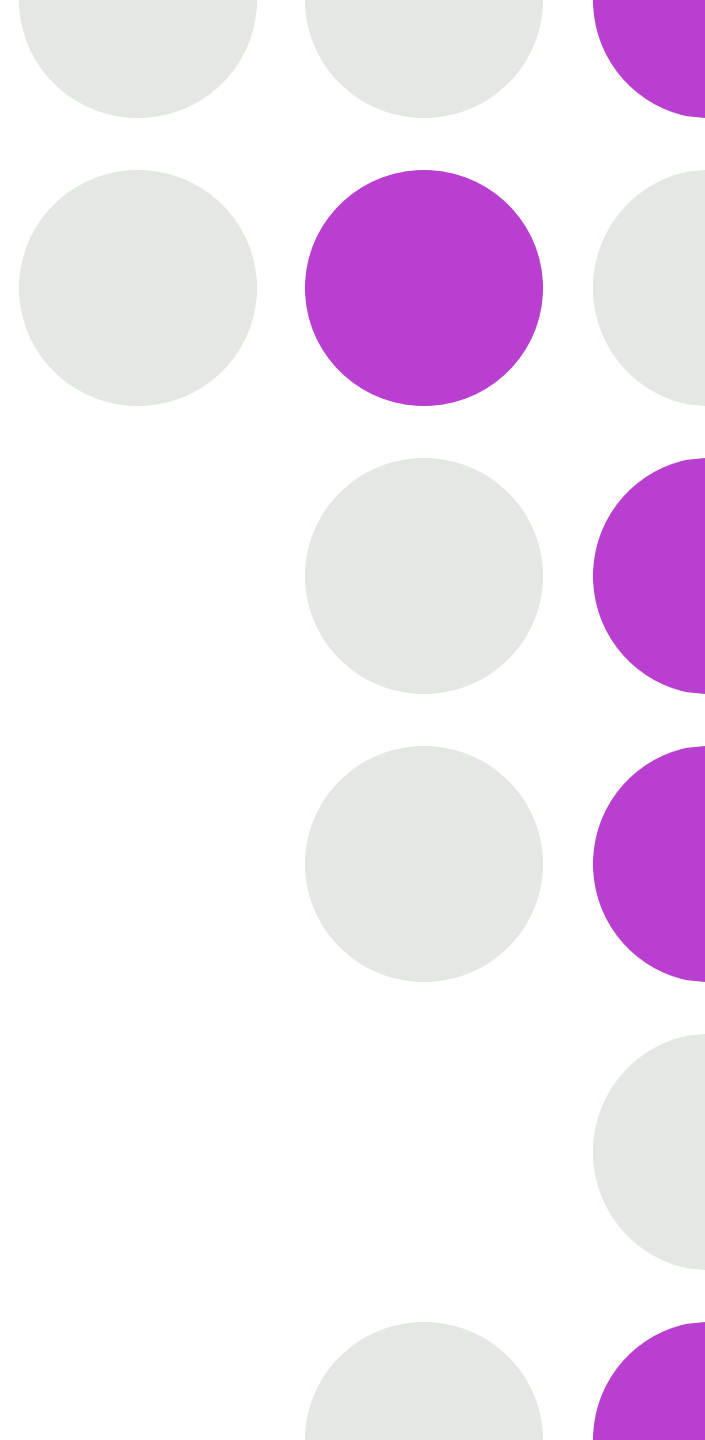
Table Data (TD)

- Definition: Table data cells
 - Attributes:
 - colspan
 - rowspan
-



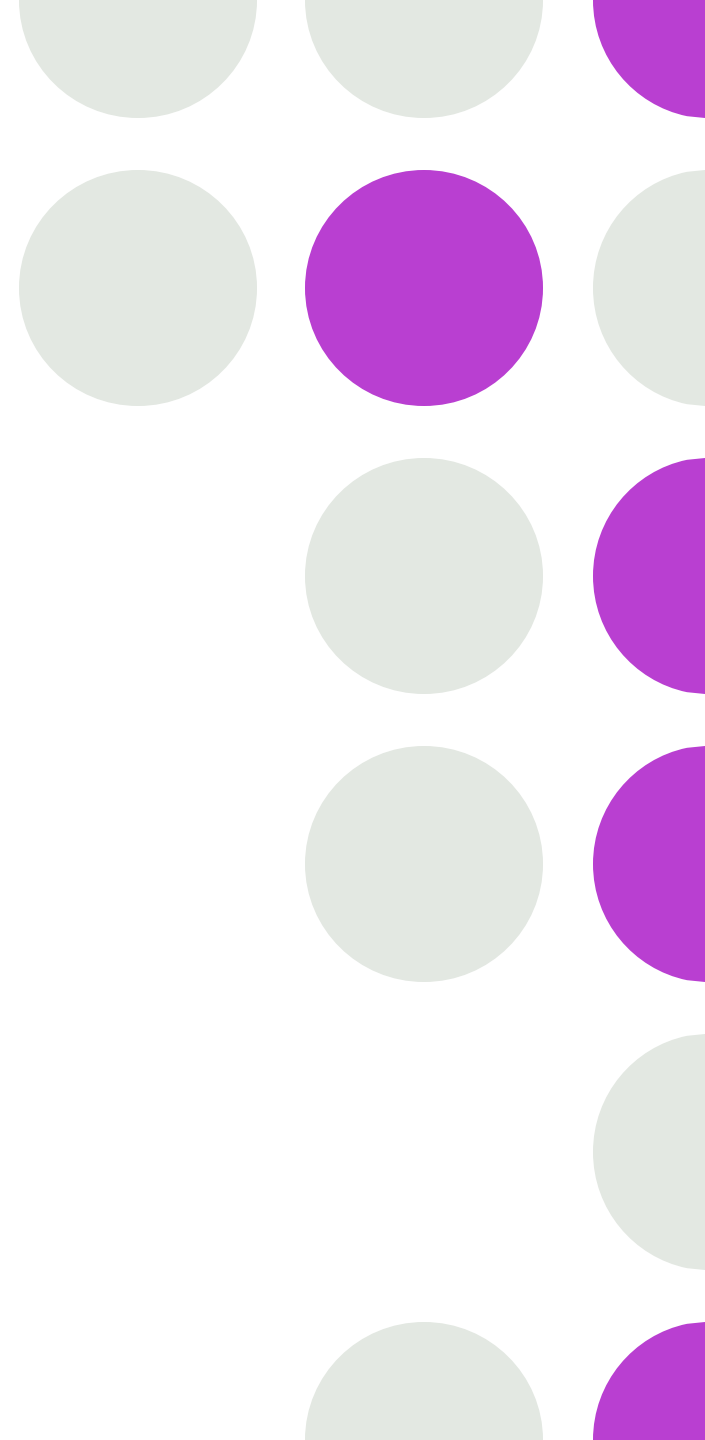
- Example code:

```
<table>  
  <tr>  
    <td>John</td>  
    <td>25</td>  
  </tr>  
  ...  
</table>
```



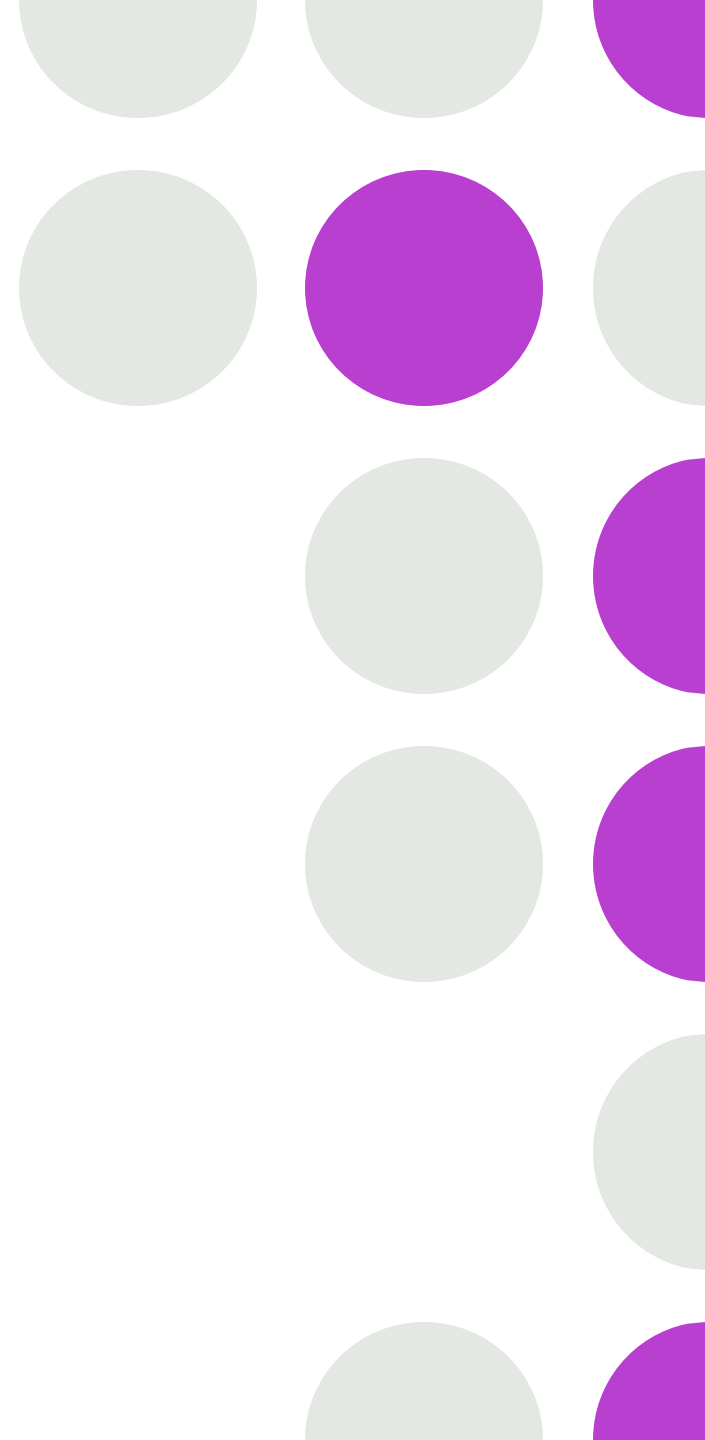
Spanning Rows and Columns

- colspan attribute
- rowspan attribute



- Example code:

```
<table>
  <tr>
    <td colspan="2">Full Name</td>
  </tr>
  <tr>
    <td>First Name</td>
    <td>Last Name</td>
  </tr>
</table>
```



Nested Tables

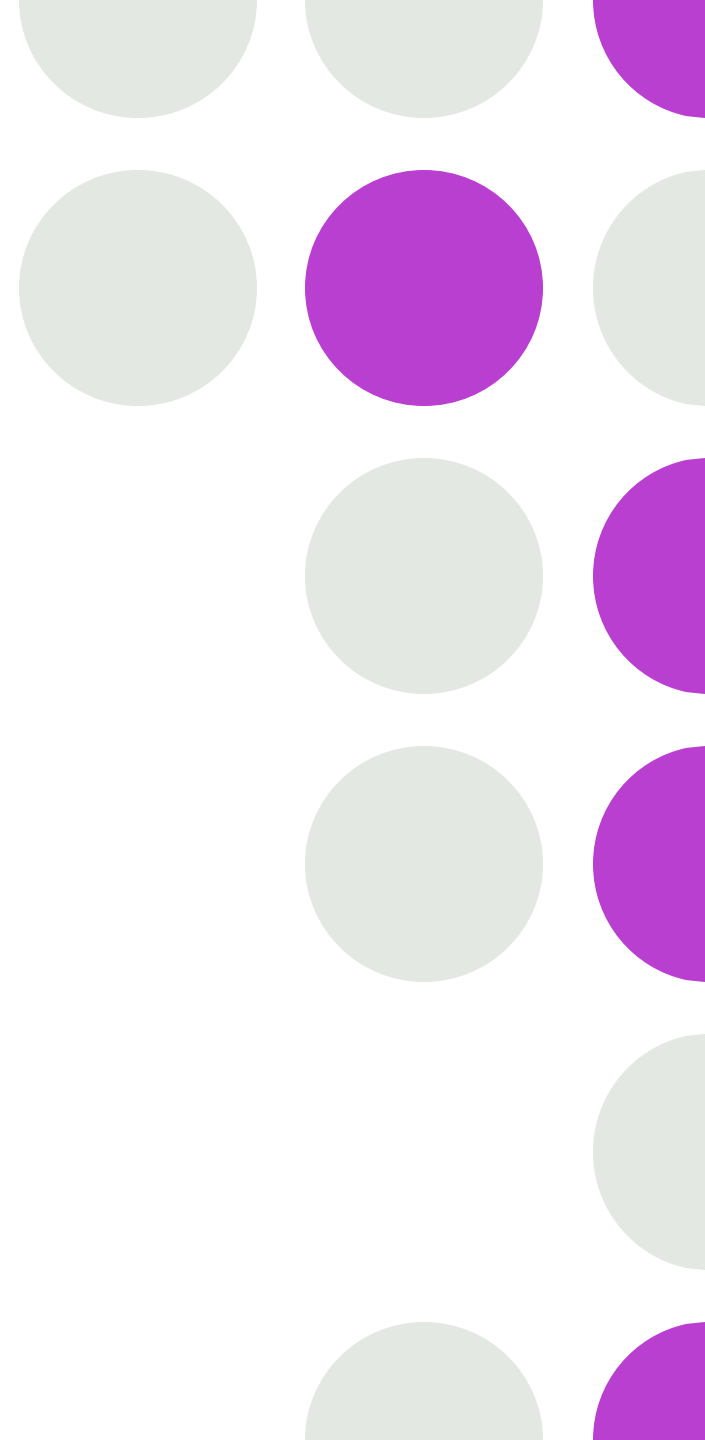
- Definition: Tables within tables

Nested Table Example

Outer Table - Header 1	Outer Table - Header 2	
Row 1, Column 1		
Row 2, Column 1	Row 2, Column 2	

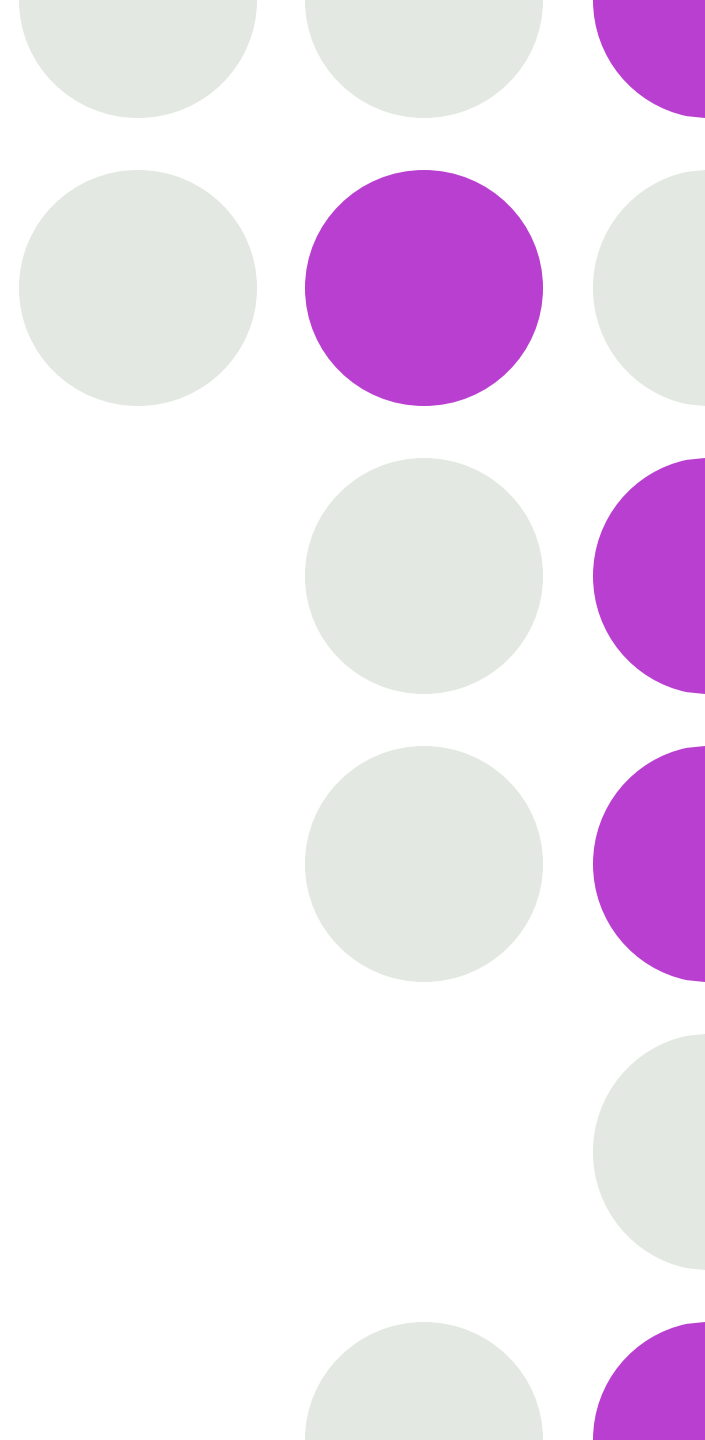
- Example code:

```
<table>  
  <tr>  
    <td>  
      <table>  
        ...  
      </table>  
    </td>  
  </tr>  
</table>
```



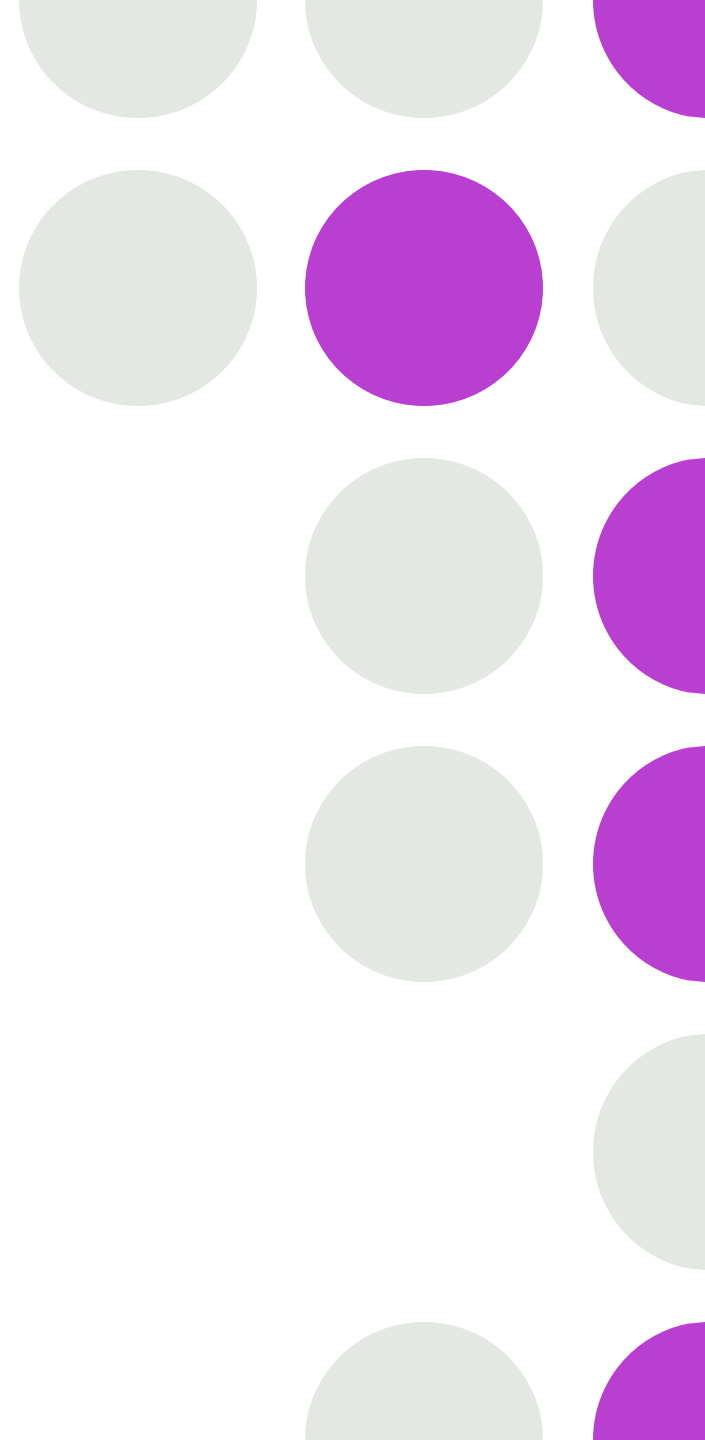
Accessibility Considerations

- Use semantic HTML
- Provide alternative text for images
- Use scope attribute for table headers



- Example code:

```
<table>  
  <caption>Student Information</caption>  
  <tr>  
    <th scope="col">Name</th>  
    <th scope="col">Age</th>  
  </tr>  
  ...  
</table>
```



Thank You

