**Differentiation between HTML and XML**

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|  | **HTML** | **XML** |
| **Purpose** | Designed to display data and focus on how data looks. | Designed to store and transport data, focusing on what data is. |
| **Tags** | Predefined tags like <p>, <div>, <h1>, etc. | Custom tags defined by the user. |
| **Case Sensitivity** | Tags are not case-sensitive (<DIV> is the same as <div>). | Tags are case-sensitive (<Data> is different from <data>). |
| **Closing Tags** | Some tags are self-closing (<img />), while others require closing tags (<p></p>). | All tags must be properly closed. |
| **Error Handling** | Browsers can handle minor errors and still render the page. | Strict error handling; documents must be well-formed. |
| **Example** | <!DOCTYPE html>  <html>  <head>  <title>HTML Example</title>  </head>  <body>  <h1>Hello, World!</h1>  <p>This is an HTML example.</p>  </body> | <?xml version="1.0" encoding="UTF-8"?>  <note>  <to>Tove</to>  <from>Jani</from>  <heading>Reminder</heading>  <body>Don't forget me this weekend!</body>  </note> |