* **[52957 -- DATA REPRESENTATION](https://learnonline.gmit.ie/course/view.php?id=1318" \o "52957 -- DATA REPRESENTATION)**

**Indicative schedule**

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| --- | --- | --- | --- | --- |
| **Week** | **Topic** |  | **Week** | **Topic** |
| 1 | Introduction  XML and [HTML](https://learnonline.gmit.ie/mod/url/view.php?id=52690)  The DOM tree |  | 7 | Consolidate |
| 2 | Navigating the DOM tree with JavaScript |  | 8 | Serving the API  And hosting |
| 3 | HTTP: URLs CURL  Using python to consume XML from the web |  | 9 | Linking to Database on the server-side |
| 4 | JSON and RESTful API |  | 10 | Pulling it all together |
| 5 | Consuming the API:  AJAX and JQUERY |  | 11 | Review and revise |
| 6 | Consuming the API with Python |  |  |  |