



### Master the foundations of data analytics in a unique hands-on training!

Our top-notch staff will help you step into the world of SQL and data analytics.

Over the course of three months, we will cover the necessary topics in Excel, Data Architecture and Data Modeling, mastering SQL, dashboarding and visualization insights using Power BI, NoSQL, big data and more. The classes will be held for 4 hours every evening at our beautiful Tel Aviv ITC campus and/or online, according to the Ministry of Health's regulations.

The course is designed for complete beginners. .

<b>Mastering Excel</b>	<ul style="list-style-type: none"><li>• Basic methods for data analysis</li><li>• Data types, filtering, sorting</li><li>• Multi-dimensional data structures</li></ul>	<ul style="list-style-type: none"><li>• Data visualization, conditional formatting</li><li>• Advanced functions (Functions, Pivot, Lookup, Macros)</li></ul>
<b>Data Architecture and Modeling</b>	<ul style="list-style-type: none"><li>• Databases introduction</li><li>• Turning a business demand into a database</li><li>• Basic data structures</li></ul>	<ul style="list-style-type: none"><li>• Data modeling design methods and consideration</li><li>• Data normalization, Correlation, Keys and indexes</li></ul>
<b>Basic SQL</b>	<ul style="list-style-type: none"><li>• Basic SQL Commands</li><li>• Data definition commands - Tables, Columns, Data types</li></ul>	<ul style="list-style-type: none"><li>• Data manipulation commands - CRUD commands</li><li>• Data querying commands - commands for turning raw data into information</li></ul>
<b>Advanced SQL</b>	<ul style="list-style-type: none"><li>• Advanced database objects</li><li>• Advanced database system tools and commands</li><li>• User defined functions</li></ul>	
<b>Power BI</b>	<ul style="list-style-type: none"><li>• BI - Business Intelligence</li><li>• BI basic terminology</li></ul>	<ul style="list-style-type: none"><li>• Dimensions vs. Measures</li><li>• Onhand Dashboarding and data visualization</li></ul>
<b>NoSQL and big data</b>	<ul style="list-style-type: none"><li>• What is NoSQL</li><li>• NoSQL vs SQL</li></ul>	<ul style="list-style-type: none"><li>• A view into big data - technology, key players, approach</li></ul>