| **Topic** | **Elementary** | **Basic** | **Advanced** | **Expert** |
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| **OData v4.0** | | | | |
| **General points** | \_empty\_ | 1. Awareness of EDM (entity data model) terms:    1. Collection.    2. Entry.    3. Property of an entry.    4. Complex Type.    5. Link.    6. Service Operation. 2. Know the newly added **primitive data types**. 3. Know the data **representation formats**. 4. Know how the **annotations** are supplied along with the data model. 5. Know the **structural types**:    1. Primitive Type.    2. Complex Type.    3. Enumeration Type.    4. A collection of one of the above. 6. Be aware of **type definition**, **underlying primitive type.** 7. Be aware of an **entity container** members:    1. Extending an Entity Container.    2. EntitySet.    3. Singleton.    4. Navigation Property Binding:       1. Path binding.       2. Binding target.    5. Action Import.    6. Function Import. | 1. Know the **type facets**:    1. Nullable    2. MaxLength    3. Precision    4. Scale    5. Unicode    6. SRID    7. DefaultValue 2. Know the kinds of a **complex type**:    1. Derived Complex Type.    2. Abstract Complex Type.    3. Open ComplexType. 3. Know the aspects of **navigation property**:    1. Type.    2. Nullable.    3. Partner.    4. ContainsTarget.    5. ReferentialConstraint.    6. Action on delete:       1. Cascade.       2. SetNull.       3. SetDefault.       4. None.    7. Containment Navigation Property. 4. Know the aspects of an **enumeration type**:    1. Underlying Integer Type.    2. Flags Enumeration Type.    3. Enumeration Type Member. | 1. Be aware of aspects of **actions** and **functions**:    1. Actions:       1. Invoking actions.       2. Action Overloads.    2. Functions:       1. Invoking functions.       2. Function Overloads.       3. Inline parameter syntax.       4. Composable Function.    3. Bound / Unbound Action or Function Overloads.    4. Entity Set Path.    5. Return Type. |
| **Vocabulary & Annotation** | \_empty\_ | 1. Know what is a “**Term**”:    1. Specialized Term.    2. Applicability. 2. Know what is an “**Annotation**” and its:    1. Qualifier.    2. Target. 3. Be aware of **constant expressions**:    1. Binary.    2. Boolean.    3. Date.    4. DateTmeOffset.    5. Decimal.    6. Duration.    7. Enumeration Member.    8. Floating-Point Number.    9. Guid.    10. Integer.    11. String.    12. Time of Day. | 1. Be aware of **dynamic expressions**:    1. Path Expressions:       1. Path Syntax.       2. Path Evaluation.       3. Annotation Path.       4. Model Element Path.       5. Navigation Property Path.       6. Property Path.       7. Value Path.    2. Comparison & Logical Operators:       1. Logical:          1. And.          2. Or.          3. Not.       2. Comparison:          1. Eq.          2. Ne.          3. Gt.          4. Ge.          5. Lt.          6. Le.          7. Has.          8. In.    3. Arithmetic Operators.    4. Apply Client-side Function:       1. Canonical Function.       2. Function odata.fillUriTemplate.       3. Function odata.matchesPattern.       4. Function odata.uriEncode.    5. Cast.    6. Collection.    7. If-Then-Else.    8. Is-Of.    9. Labeled Element.    10. Labeled Element Reference.    11. Null.    12. Record.    13. URL Reference. | \_empty\_ |
| **System query options** | \_empty\_ | 1. $search. 2. $compute. 3. $index. 4. $schemaversion. 5. Lambda Operators. 6. Be aware of filtering parent entities by children. | \_empty\_ | \_empty\_ |
| **Misc.** | \_empty\_ | \_empty\_ | 1. Know the **entity types kinds**:    1. Derived Entity Type.    2. Abstract Entity Type.    3. Open Entity Type.    4. Media Entity Type.    5. Open Type. 2. Know the **attribute-styled annotations**:    1. IsDefaultEntityContainer    2. DataServiceVersion    3. HasStream    4. MimeType    5. HttpMethod | \_empty\_ |