

| Outline   |               |                                     |
|---|---------------|-------------------------------------|
| Outime  |               |                                     |
| Overview  |               |                                     |
| 0.0.00  | haca Conconta |                                     |
| I. Object-Relational Data   | -             |                                     |
| User-defined Data Types and Typed Tables     Object relational Views and Collection Types |               |                                     |
| 2. Object-relational Views and Collection Types   |               |                                     |
| 3. User-defined Routines and Object Behavior  |               |                                     |
| <ol> <li>Application Programs and Object-relational Capabilities</li> </ol>               |               |                                     |
| II. Online Analytic Processing  |               |                                     |
| 5. Data Analysis in SQL   |               |                                     |
| 6. Windows and Query Functions in SQL   |               |                                     |
| III. XML  |               |                                     |
| 7. XML and Databases  |               |                                     |
| 8. SQL/XML  |               |                                     |
| 9. XQuery   |               |                                     |
| <b>IV. More Developments</b> (if there is time left)                                      |               |                                     |
| temporal data models, data streams, databases and uncertainty,                            |               |                                     |
|   |               |                                     |
|   |               |                                     |
| <b><b></b><sup></sup><b><sup>6</sup>H</b><sup>i</sup>S<b>∂</b></b>                        |               |                                     |
| © Prof.DrIng. Stefan Deßloch  | 2             | Recent Developments for Data Models |





























































































