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| Week | Lecture (16:15-18:00) | | Practice (10:15-12:00) | |
| 1 | 2024-09-02 | No class | 2024-09-05 | No class |
| 2 | 2024-09-09 | Intro | 2024-09-12 | Docker+Postgres |
| 3 | 2024-09-16 | Data processing and orchestration | 2024-09-19 | Airflow |
| 4 | 2024-09-23 | Data modelling | 2024-09-26 | Kimball |
| 5 | 2024-09-30 | Data transformation | 2024-10-03 | dbt |
| 6 | 2024-10-07 | Data storage | 2024-10-10 | DuckDB |
| 7 | 2024-10-14 | NoSQL | 2024-10-17 | MongoDB |
| 8 | 2024-10-21 | Data Lakes | 2024-10-24 | Delta, Iceberg |
| 9 | 2024-10-28 | Graph Databases | 2024-10-31 | Neo4j |
| 10 | 2024-11-04 | Security and privacy | 2024-11-07 | Security and privacy |
| 11 | 2024-11-11 | Key-Value stores | 2024-11-14 | Redis |
| 12 | 2024-11-18 | Data governance | 2024-11-21 | Open Metadata |
| 13 | 2024-11-25 | Data visualization | 2024-11-28 | Streamlit |
| 14 | 2024-12-02 | Exam | 2024-12-05 | Working in class  (tutoring for project) |
| 15 | 2024-12-09 | Working in class  (tutoring for project) | 2024-12-12 | Working in class  (tutoring for project) |
| 16 | 2024-12-16 | Project presentation (poster session) | 2024-12-19 | Redo exam |