

# Complements of Databases

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Teaching materials

<https://goo.gl/zXmtxv>

# Goals of this course

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- Understand and apply the models to manage semi-structured and structured data and the related query/search languages
- Understand and apply analytics techniques for structured data such as data warehousing and data mining

# Contents

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- Lectures
  - Models for structured, semi-structured and unstructured data
  - Limits of SQL and introduction to XQuery
  - Information retrieval systems
  - Data warehousing systems and data mining



# Place and time

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- As announced
- We can agree some changes

## Books

- A. Moller et al - Introduzione a XML - Addison Weley, 2007 ISBN: 9788871923734
- R. Baeza-Yates et al, Modern Information Retrieval - Addison Wesley, 1999 ISBN: 020139829
- P. Tan et al. - Introduction to data mining - Addison Weley, 2006 ISBN: 0321420527
- M. Golfarelli et al, Data Warehouse - Teoria e pratica della progettazione - McGrawHill, 2006 ISBN: 9788838662911
- Slides & Papers <https://goo.gl/zXmtxv>
- Project submission: <https://goo.gl/forms/Vq2fizYBBk4WYhly1>
- Project list: <https://goo.gl/WgSrrN>



# Assessment methods

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- Project or depth study to be presented on fixed dates.
- It is required to register on Almaesami. Registrations close automatically.



# For any information

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- Course pages are updated. Please refer to those before asking.
- Do not send emails to ask for info that can be found online.
- Subscribe to RSS feed if you want to be updated about receiving time and dates.