



RWTHAACHEN
UNIVERSITY

Learning Analytics in L²P

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Vision

- ▶ Analytics as an integral service for
 - ▶ Professors and students
 - ▶ RWTH governing bodies
- ▶ How
 - ▶ In every course on the learning platform
 - ▶ Data-driven decision making tool

How to get there – Strategic Roadmap

- ▶ Develop institutional strengths
- ▶ Data availability
- ▶ Analysis and insight creation
- ▶ Develop analytics processes that impact
 - ▶ Teaching and learning
 - ▶ Decision making

Where are we?

- ▶ **Basic Analytics**

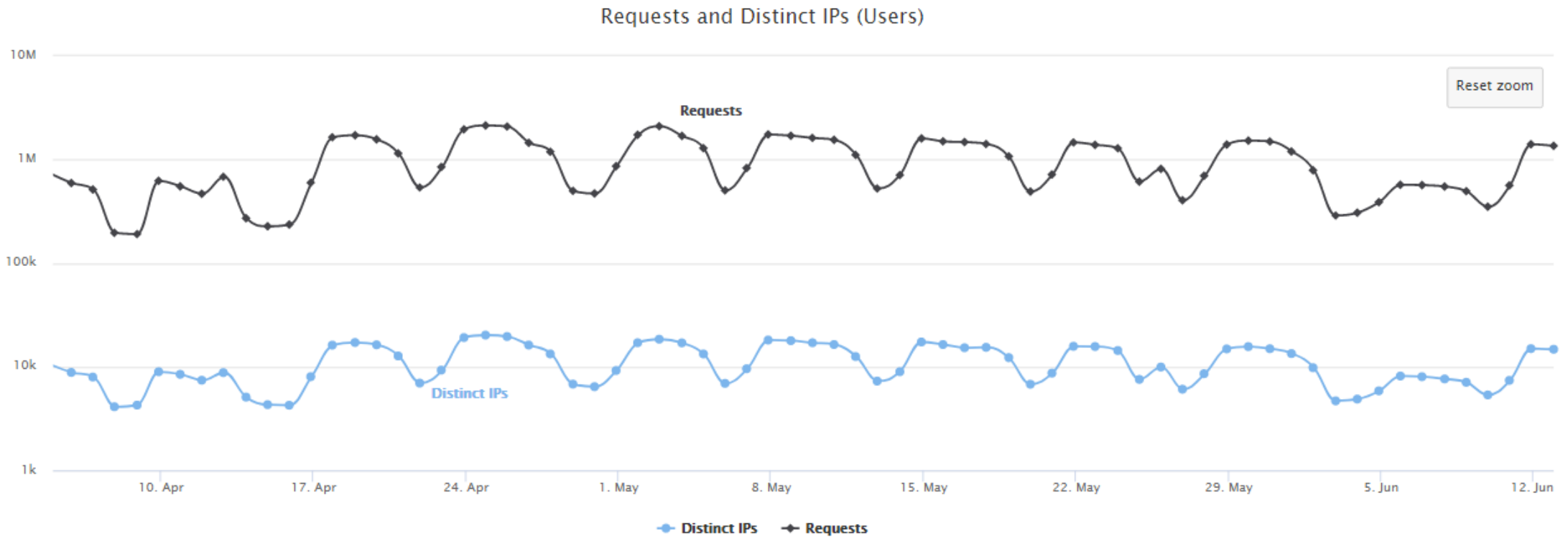
- ▶ Based on usage data from the platform
- ▶ Course based
- ▶ Institution based

- ▶ **Pilot Phase SS17**

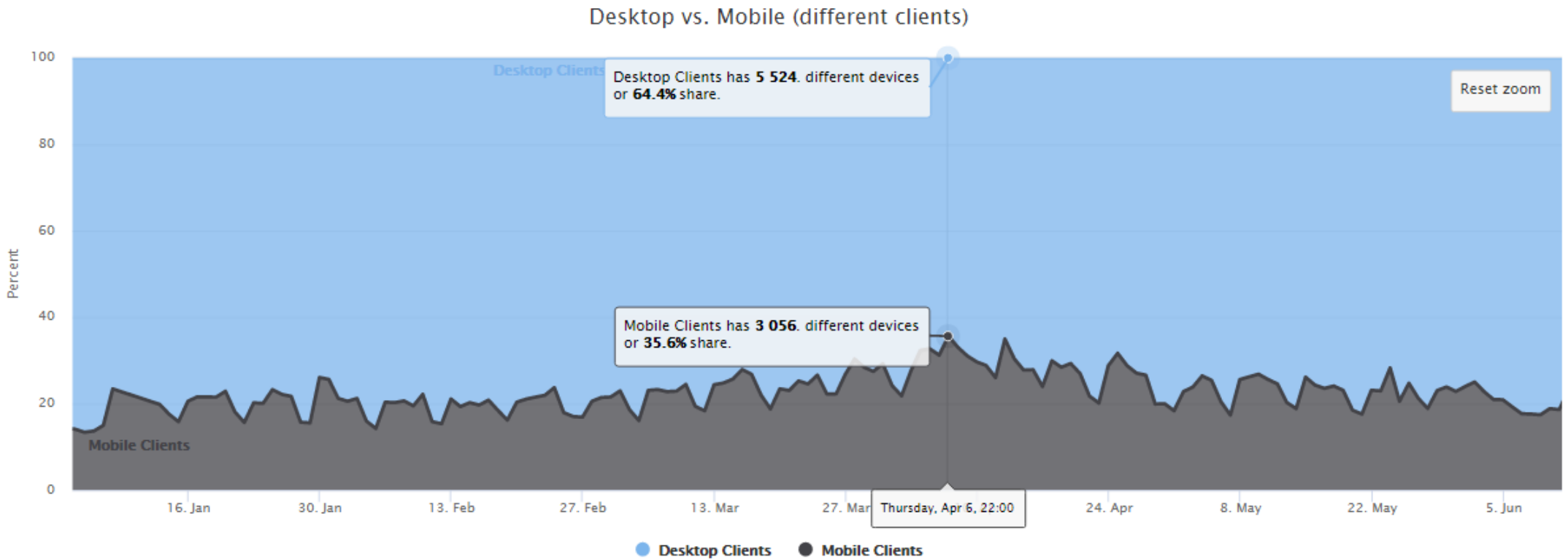
- ▶ Collect experience and feedback

VISUALIZATIONS

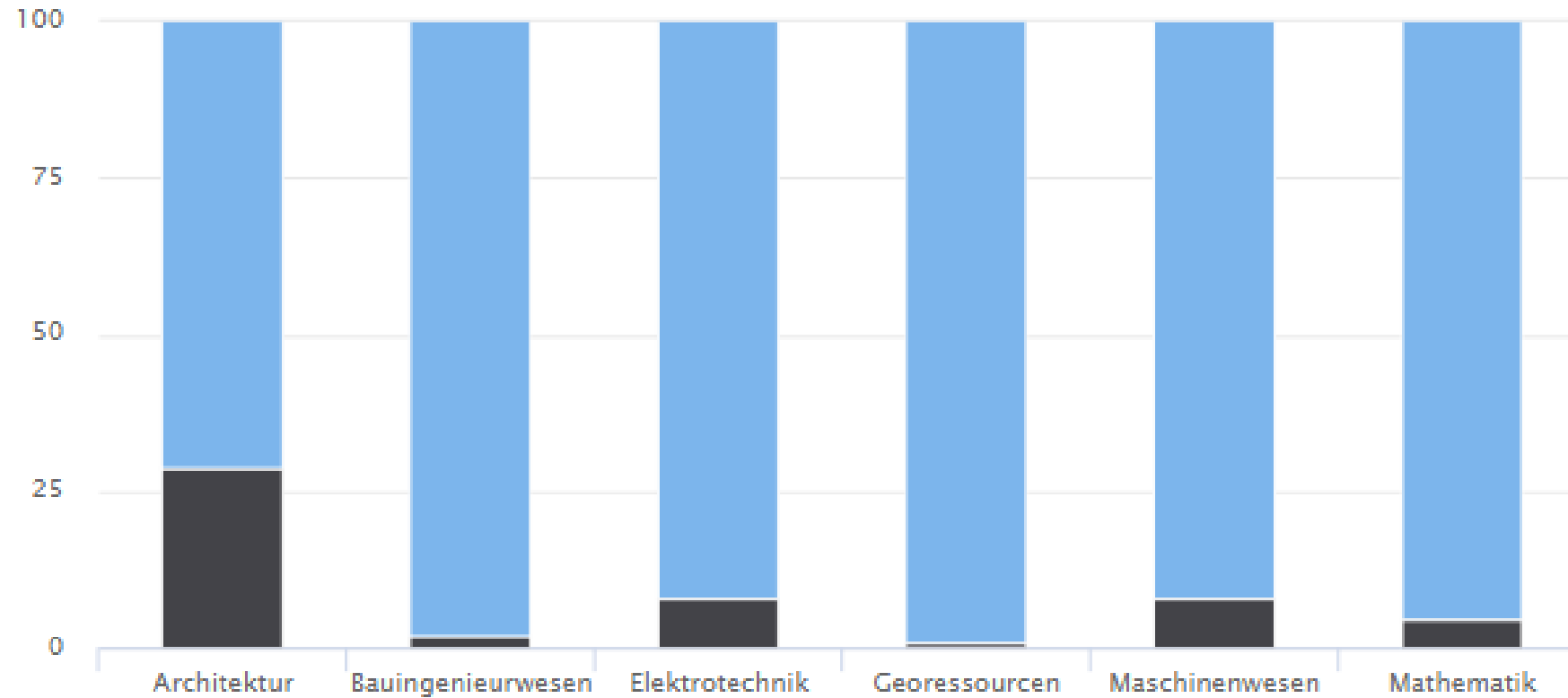
Users on the L²P Platform



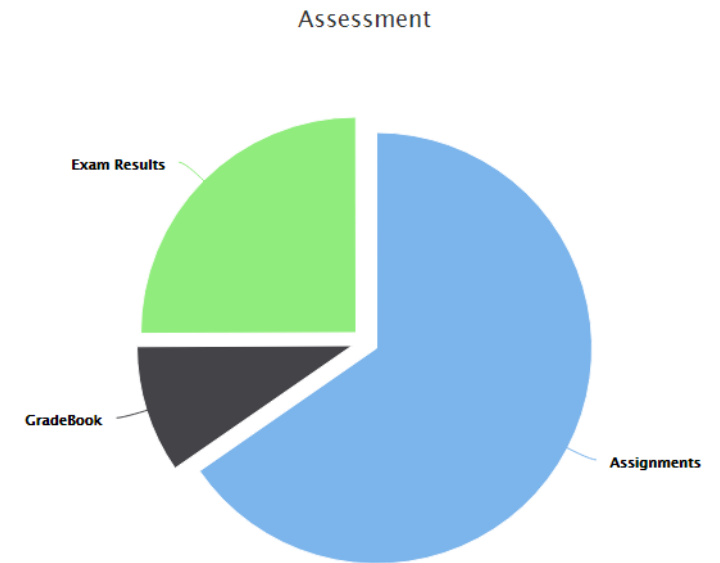
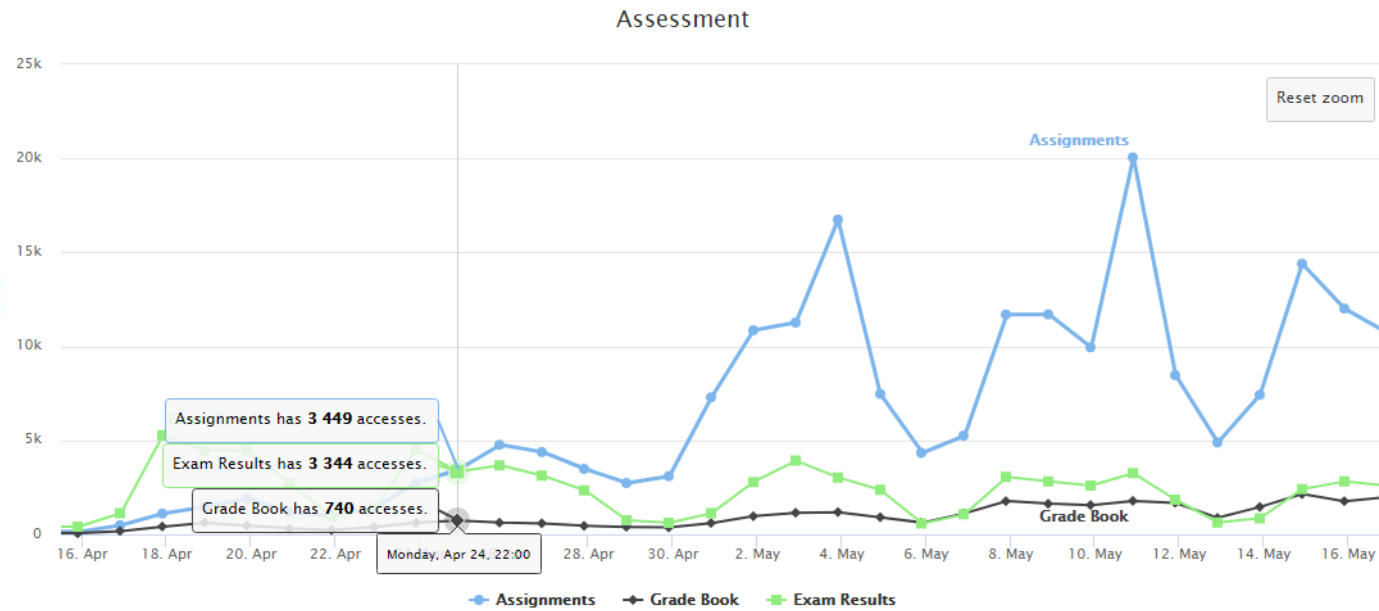
Devices distribution on L²P



Materials vs. Media



Formative Assessment in Fak. 1 (SS 17)



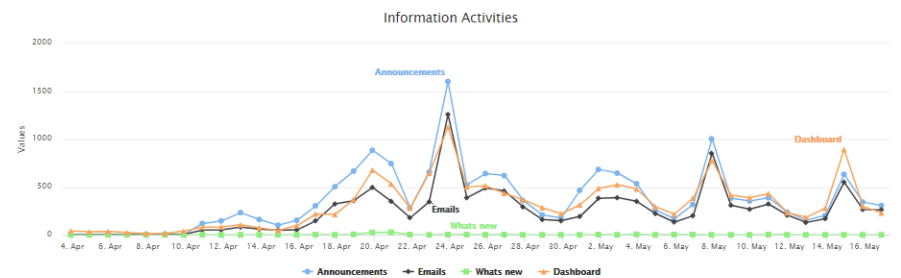
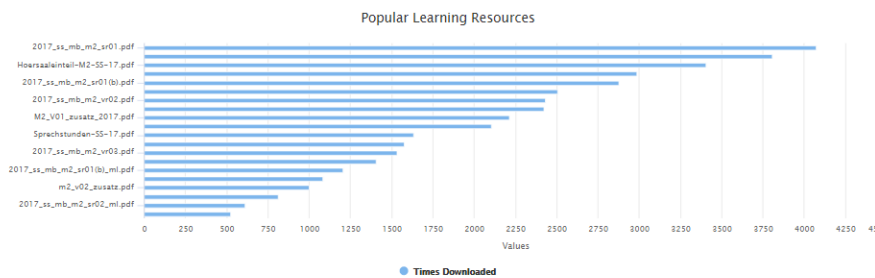
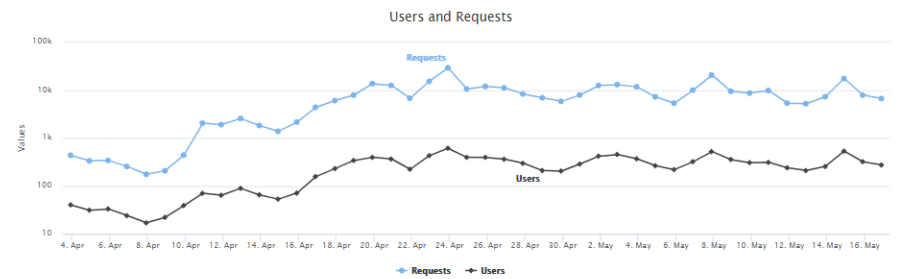
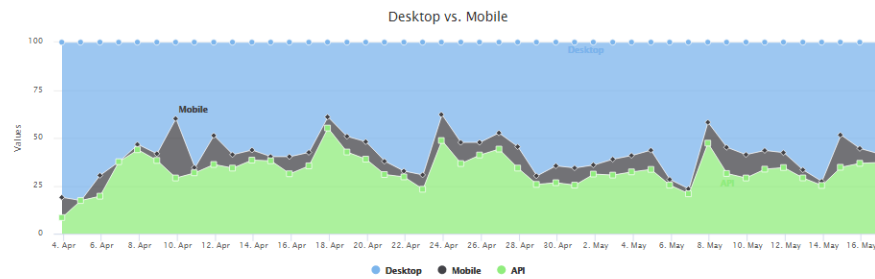
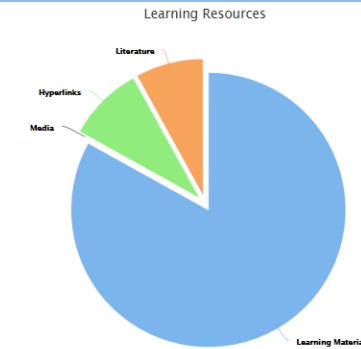
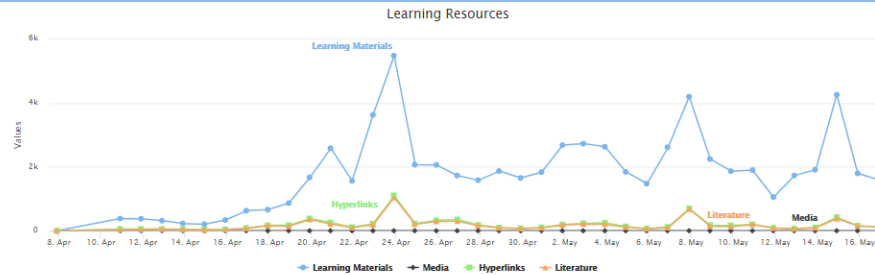


xTest Course 01

My L²P > My Courses > xTestveranstaltung 0... > Insights

Bams

- Dashboard
- Insights**
- Calendar
- Course Info.
- Iomo
- Announcements
- Emails
- One Minute Feedback
- Learning Materials
- Literature
- Hyperlinks
- StudyCrowd
- Concept Maps
- Assignments
- eTests
- GradeBook
- Exam Results
- Moodle
- Shared Documents
- Discussion Forum
- Settings
- Participants
- Whats New?
- Recycle Bin



What's next:

- ▶ Help us define the vision and goals in details
 - ▶ What does learning/teaching success mean?
 - eLearning scenarios, use cases, questions
 - ▶ Identify decision processes which benefit from analytics
- ▶ Increase data acceptance and literacy
- ▶ Data privacy challenge