ZEALBOTS
CAMPUS

Virtual Research Assistant for Universities
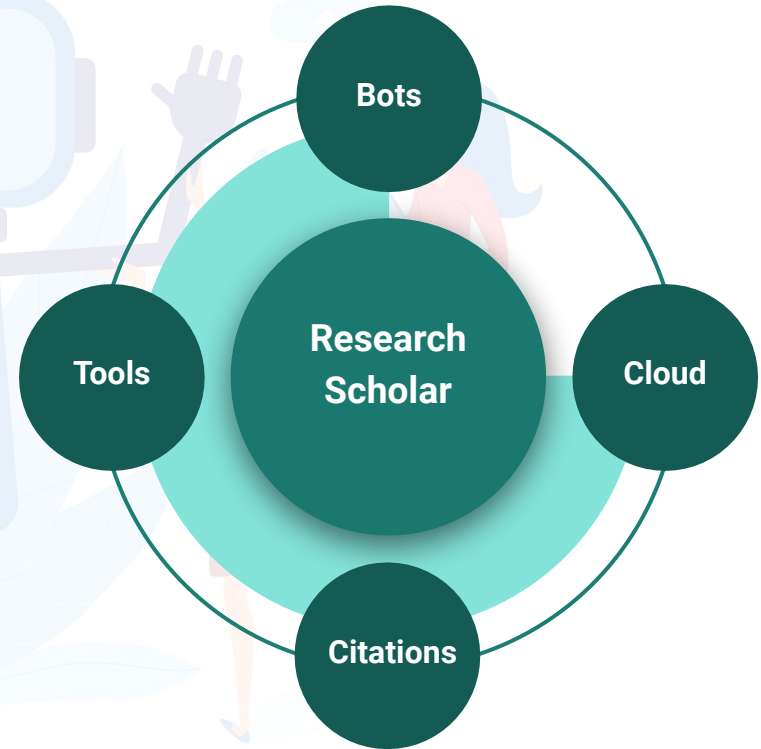
Pain points of literature search

- Too many inefficient tools used in searching, organizing and citation

- Literature search is daunting for entry-level students (***60%**)

- Experienced researchers spend ***400** h/year in searching

- Missing out on up-to-date information is very expensive

"Creative energy wasted in mundane search tasks"
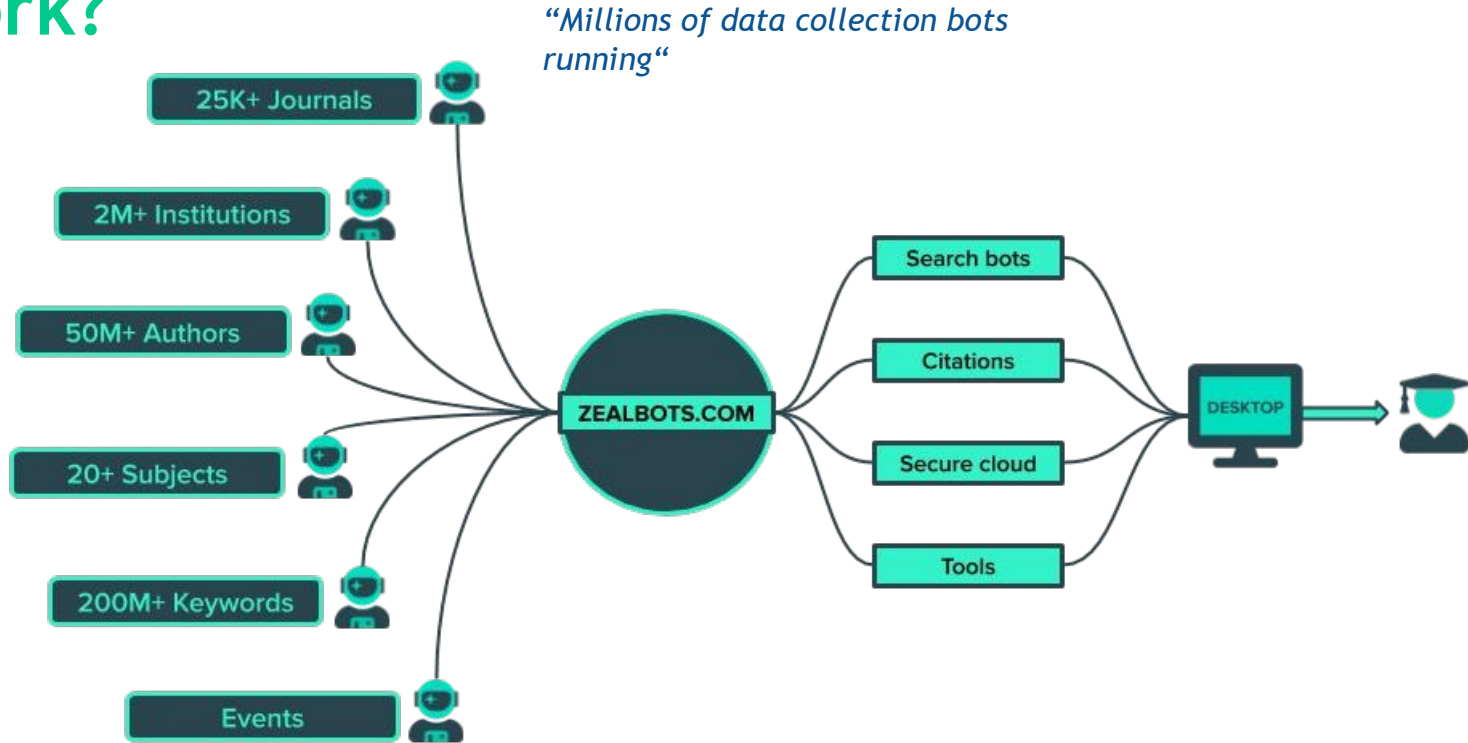
ZEALBOTS

ZEALBOTS: Virtual Assistant for Research

- Search assistance and filtering with AI
- Pre-built bibliography for 20K+ topics
- Secure cloud and desktop application
- Citation manager / word / TEX plugin

Bots

Tools

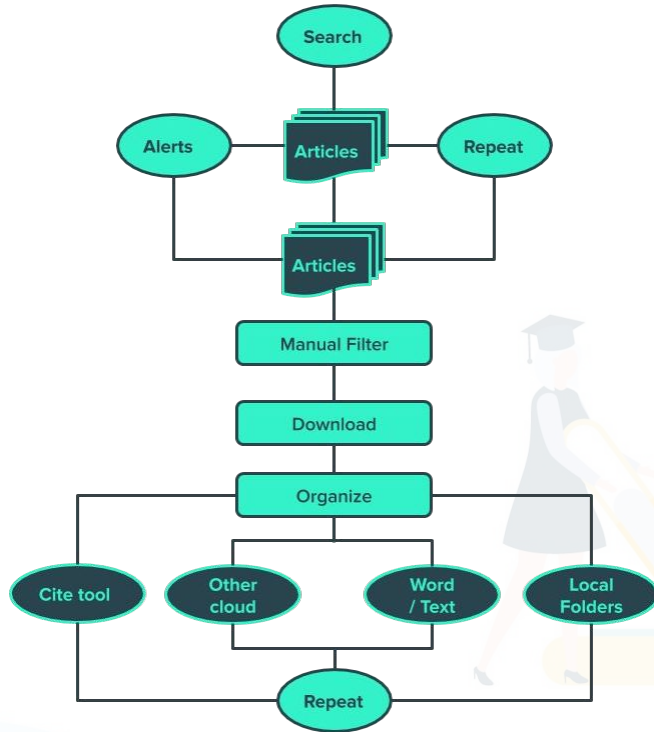Research Scholar

Cloud

Citations

zealbots

How does it work?

"Millions of data collection bots running"

25K+ Journals

2M+ Institutions

50M+ Authors

20+ Subjects

200M+ Keywords

Events

ZEALBOTS.COM

Search bots

Citations

Secure cloud

Tools

DESKTOP

"Many more bots are waiting to serve"

ZEALBOTS

Features : How is it different to other research platforms?

	ZealBots	Google Scholar	Scopus
Search bots	Unlimited	No	No
Citation Manager	In-built	No	No
Cloud	Zero Knowledge*	Yes	No
Search assistance	With AI	No	No
Desktop client	Yes	No	No

*Zero-Knowledge Cloud - we know nothing about the user data stored in our cloud.

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Improved user-experience and research efficiency
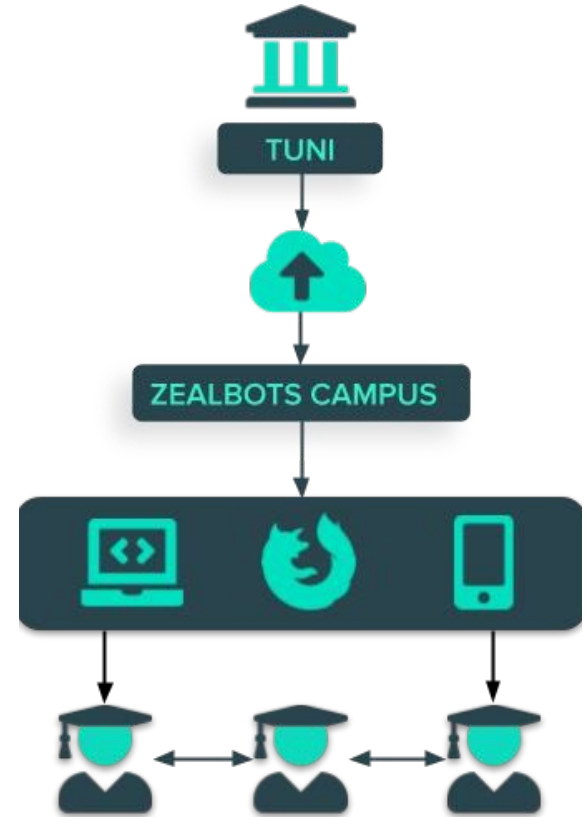

Google Scholar
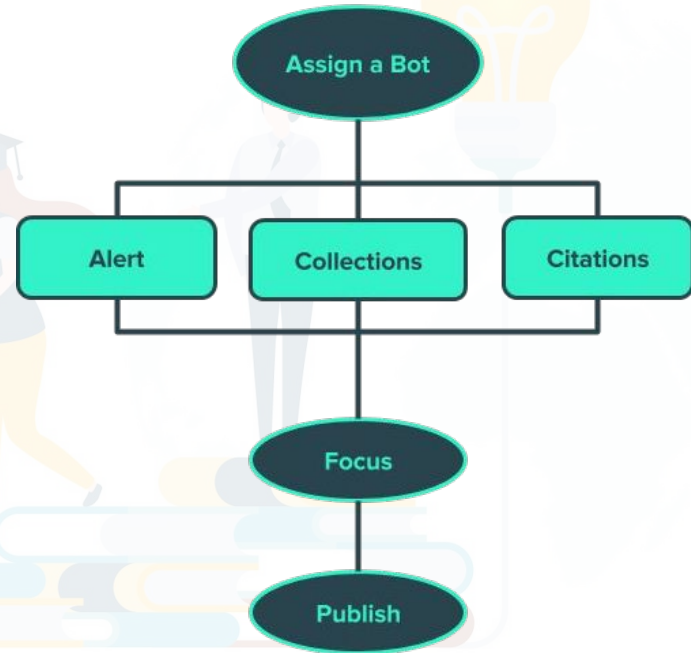
ZEALBOTS

Eliminating Data Privacy Risk

- Public clouds are not reliable for sensitive research data

- Implementing own cloud is not practical

- Sharing research data within campus is time consuming

with ZEALBOTS

- Data stays in the university server

- Easy sharing for all members (Web / Desktop / Mobile)

Privacy by design

- Campus Zealbots will consume our API

- All communications to Zealbots are logged

- University admin can view and control the logs

Fully GDPR compliant

ZEALBOTS

Decision making with data intelligence

Academic Content	Research Outcome	Public Visibility
Campus archive	Member publications tracked	Accessible public archive
Assisted search with AI	On-campus collaborations	Cross-campus collaborations
Recommend subscriptions	Investment strategy	CRIS and ORCID integration
Cost cutting underutilized	Tech trend alignment	Business development
Citation Manager	Commercialization pathway	Outreach and ranking

Advanced analytics dashboards for librarians and administrators

ZEALBOTS

Technology Stack

- Python / Django, Rust

- PostgreSQL Database

- openStack Swift

- Electron JS

- Docker
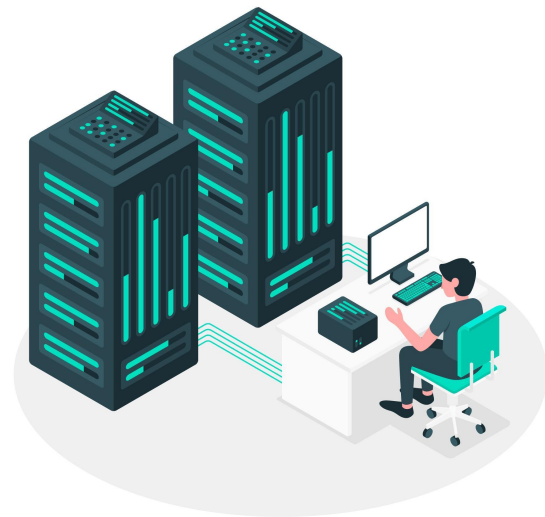
- REST API

Deployment in minutes

- Single Docker Image

- Connects with api.zealbots.com

- Configure storage server, domain and IP (on premises / AWS / GCP)

- Install on premises or through cloud environment

Linux

Docker   ZEALBOTS API   Storage Server   Domain/IP

ZEALBOTS

Easy integration

Microsoft LDAP authentication
Domain level access for university members

(email) Slack and Microsoft Teams

User data backup into existing clouds (OneDrive,

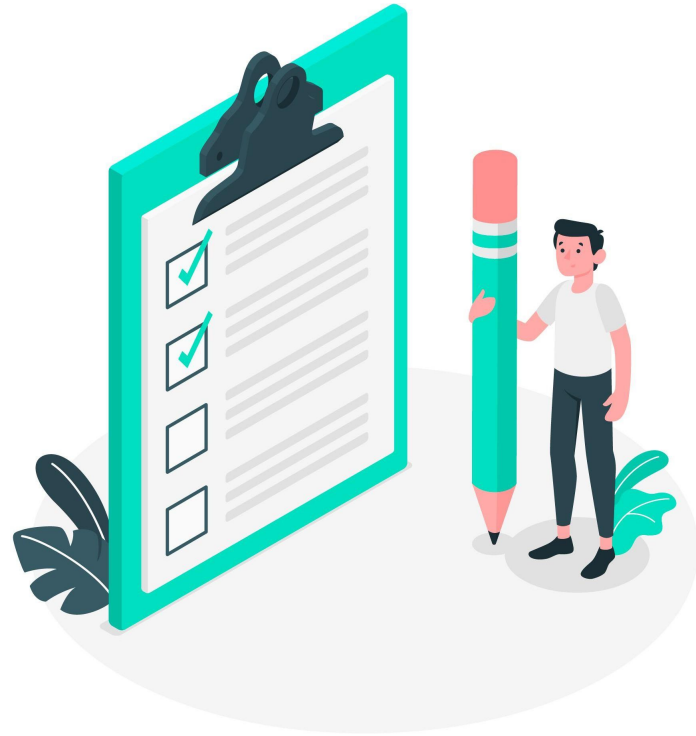Dropbox) Client applications for Windows, Mac and Linux

Author and institution ORCID

Custom integration options

ZEALBOTS

Pilot Deliverables

- Premium version ZEALBOTS

- ZKLOUD installation and integration

- Security and UI/UX Customization

- Continuous integration and workshops

- Desktop and Mobile application

ZEALBOTS

ZEALBOTS CAMPUS

virtual research assistant for universities

sales@chadura.com

Augmenting academic research with artificial intelligence