



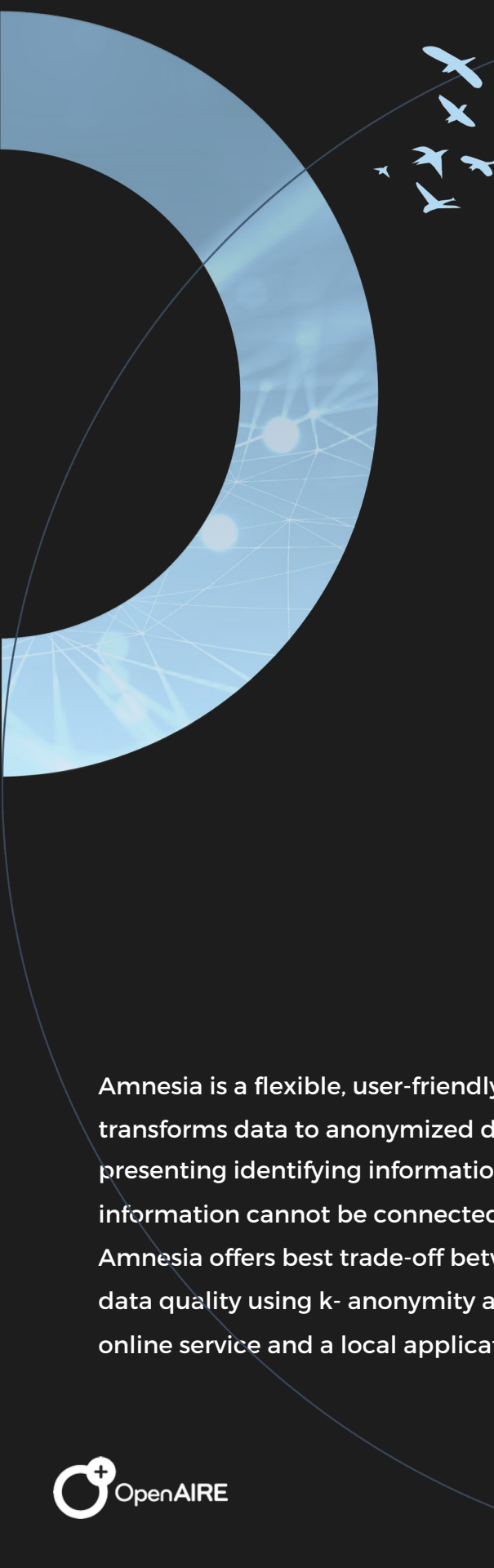
May 2023



eBook



ATHENA'



Welcome

High Accuracy Data Anonymization

Amnesia is a flexible, user-friendly, and open-source data anonymization tool that transforms data to anonymized datasets where formal privacy guarantees hold by presenting identifying information in a generalized way so that sensitive information cannot be connected to a person.

Amnesia offers best trade-off between privacy guarantee strength and anonymized data quality using k- anonymity and km-anonymity. The tool is available both as an online service and a local application.



Manolis Terrovitis



We are excited to introduce the Amnesia Anonymization Tool - a powerful solution to protect personal data. With its advanced features and user-friendly interface, you can easily transform datasets containing personal information into anonymized data complying with GDPR. Enjoy sharing and analyzing your data with peace of mind, knowing your research or client's data are safe with Amnesia.

Service Owner



Service owner

Manolis Terrovitis,
principal researchers
at Athena Research
Centre.

Core Team



ATHENA



Service manager

Danae Pla Karidi,
post-doctoral
researcher at the
Athena Research
Centre.



Developer

Dimitris Tsitsigkos is
a PhD candidate at
University of
Ioannina



Developer

Nikos Dimakopoulos
is focused on
developing the new
anonymization
features



Become GDPR compliant.

Researchers and organizations use Amnesia to transform personal data to anonymous data that can be used for statistical analysis. Anonymous data can be used without the need for consent or other GDPR restrictions, greatly reducing the effort needed to extract value from them.





+110K

Website visitors

+415K

Website page views

7.3K

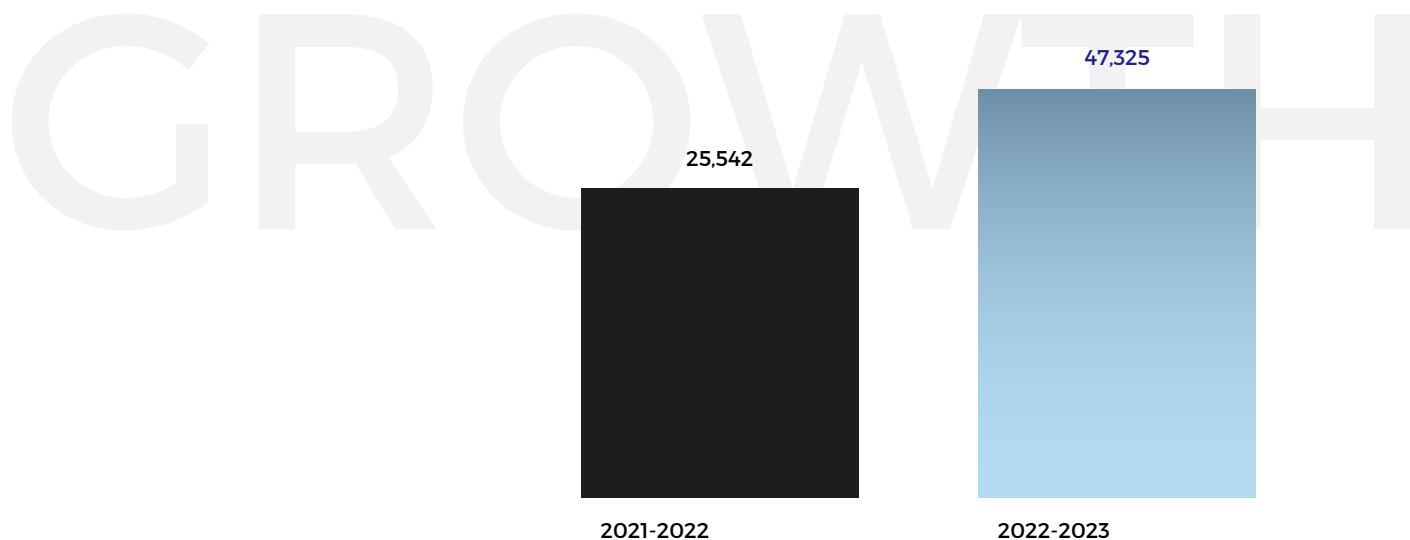
Software downloads

Includes datasets,
hierarchies, MS Windows,
Linux installation files

2

Available options

An online version
(recommended for demos,
due to data sensitivity)
and a downloadable one



80%

Increased Amnesia awareness

The number of visitors to the Amnesia anonymization tool website is increased significantly between 2021 and 2022, going from 25,542 to 47,325. Its rising popularity is a sign that people are becoming more aware of the value of data privacy and the need for solid and easy-to-use anonymization solutions.



Using Amnesia

Amnesia Anonymization Tool is an excellent solution for practitioners who need to share data safely and securely with researchers and third parties while protecting user privacy.

The tool's customizable settings allow users to balance data quality and privacy while reducing the risk of data leaks to unauthorized third parties.



Amnesia guarantees exceptional results in the field of Privacy Preserving Data Publishing.

1

Unlock sensitive data analysis

- ☐ Guarantees no links to the original data
- ☐ Offers k-anonymity & km-anonymity
- ☐ Allows minimal reduction of information quality

2

Become GDPR compliant

- ☐ Guarantees anonymity
- ☐ Goes beyond pseudo-anonymization
- ☐ Anonymized data are not constrained by GDPR

3

High Usability & Flexibility

- ☐ Easy usage interface
- ☐ Adjustable settings
- ☐ Visualization of anonymization choices
- ☐ Local software and ReST API

Benefits

Effective Solution

Amnesia is highly effective in ensuring your personal information remains private.

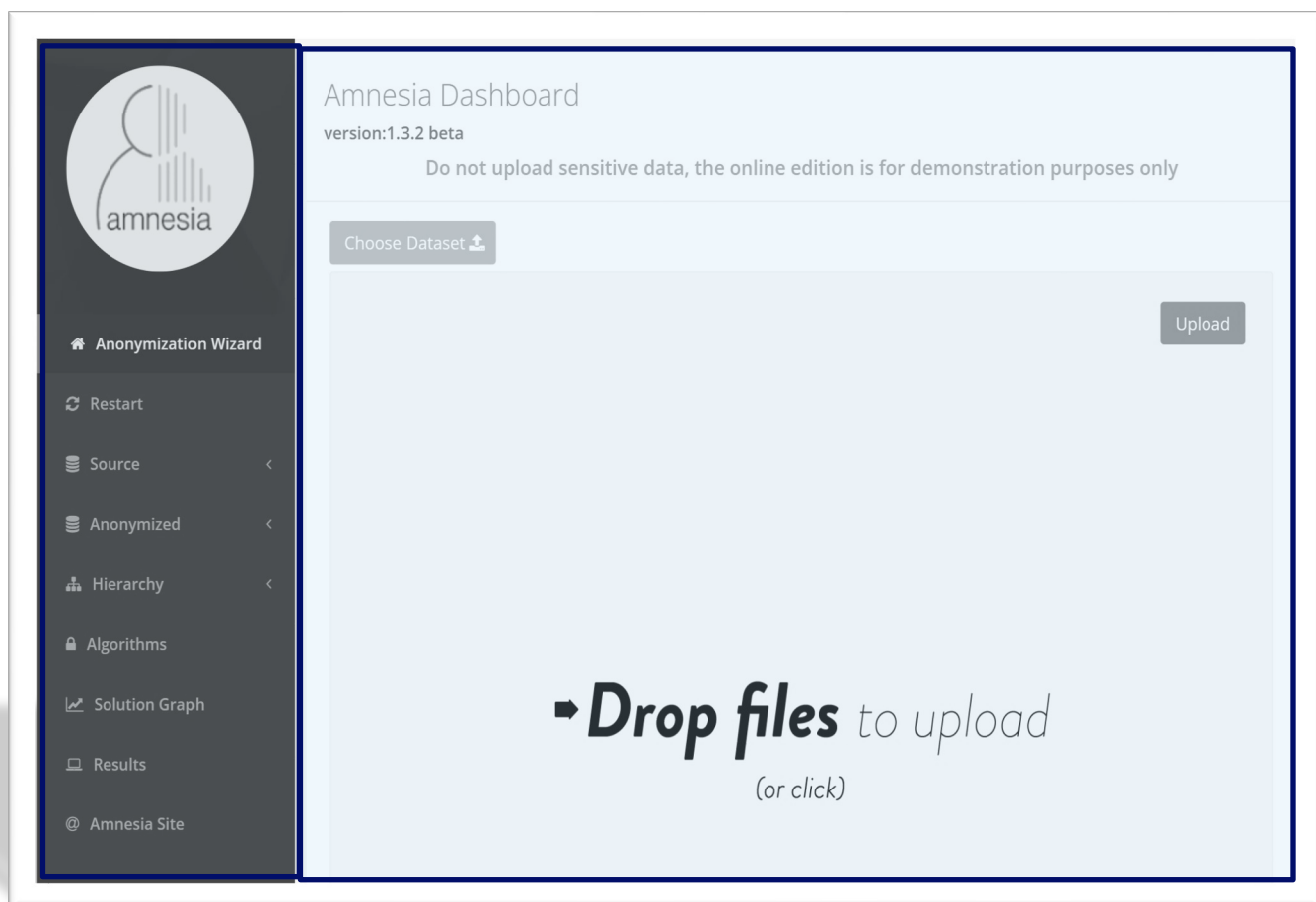
- ☐ User friendly
- ☐ Works locally, no data transfer risk
- ☐ Allows users to customize the solution
- ☐ The only tool to offer anonymization for set-valued data
- ☐ The only tool to support km-anonymity
- ☐ Easy to incorporate to third party information systems



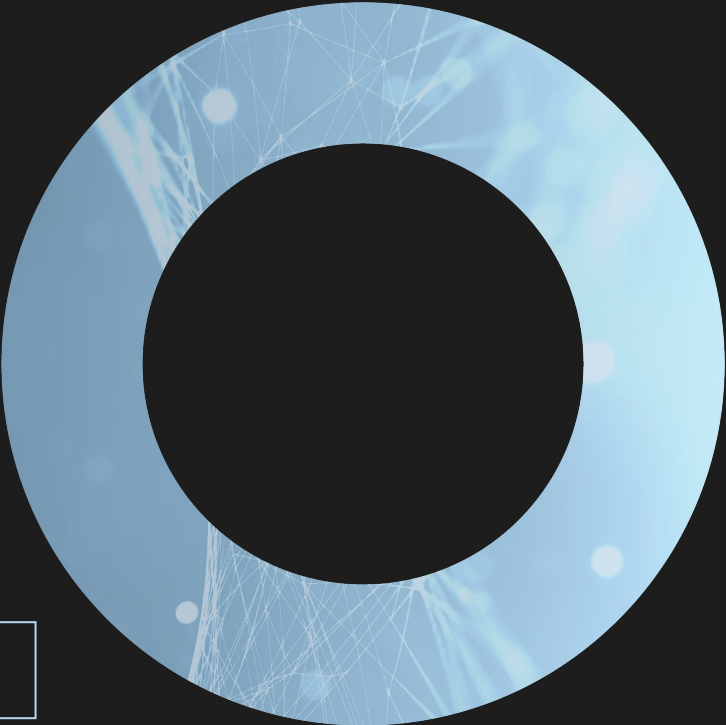
Start anonymising

Visit

<https://amnesia.openaire.eu/>



Anonymize your data in 5 simple steps



1. Import data

2. Create hierarchies

3. Choose anonymization algorithm

4. Choose the solution you like

5. Get the anonymized data

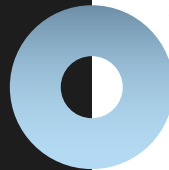
Protection of personal data is fundamental



Amnesia remains faithful to its vision since 2016, to offer to research community and then expand to all, a tool for data anonymisation.



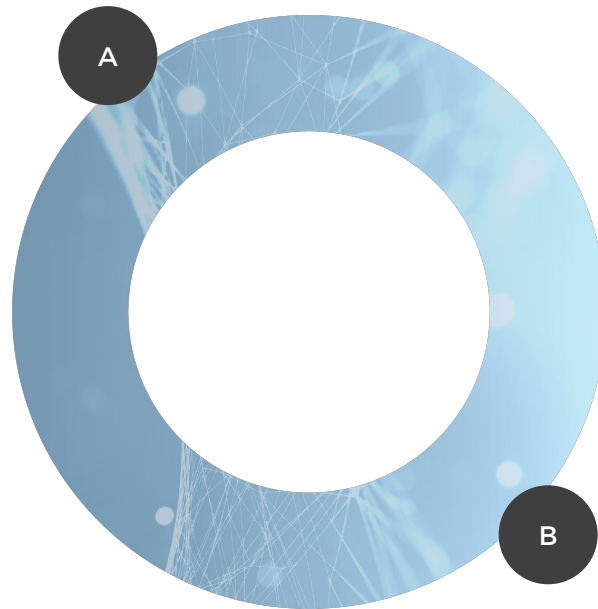
To keep up updated of Amnesia latest information, past, current and future plans, please visit Amnesia roadmap: <https://trello.com/b/kEz09qz7/amnesia-openaire-anonymization-tool>



Amnesia history

Anonymise matters

All users



B

Extended package

Business Model

A

All users

Amnesia is a service available for
free for all.

B

Extended package

Amnesia offers a customised
support and training on-demand,
subscription package with a fee
of 500 euros per day.

* The price is subject to changes, for more information, please visit:
<https://catalogue.openaire.eu/service/openaire.amnesia/pricing>

Want to learn more?

Visit our website and social media, or contact us directly.



Website:

<https://amnesia.openaire.eu/index.html>

Support: helpdesk@openaire.eu
amnesia-helpdesk@imis.athena-innovation.gr



@AmnesiaTool



<https://www.linkedin.com/company/amnesia-anonymization-tool/>