

New Updates for Phase 2: Streamlit

Visualizations (Streamlit): To test our dashboard and visualizations, we created a Streamlit dashboard and deployed it locally.

Select reports for Arxiv, Reddit, or Gnews from a dropdown menu.

Dataset: pulseai_main_db

Table Selection: Choose a table

View Options: Rows per page: 50

Fetch all rows

Quick Info: Total Rows: 1,505, Size: 2.09 MB

Table view: Browse: arxiv_papers

Previous Next Rows 1 to 50

Select columns to display: paper_id, title, abstract, category_sk, published_at, updated_at, _loaded_at

	paper_id	title	abstract
0	2511.05311v1	Cleaning Maintenance Logs with LLM Agents for Improved Predictive Maintenance	Economic constraints, limited availability of datasets for reproducib
1	2511.05375v1	Reasoning Is All You Need for Urban Planning AI	AI has proven highly successful at urban planning analysis -- learning
2	2511.05182v1	Autonomous generation of different courses of action in mechanized combat operati	In this paper, we propose a methodology designed to support decisi
3	2511.05239v1	Translation via Annotation: A Computational Study of Translating Classical Chinese ir	Ancient people translated classical Chinese into Japanese by annota
4	2511.05324v1	Evaluating Subword Tokenization Techniques for Bengali: A Benchmark Study with B	Tokenization is an important first step in Natural Language Processi
5	2511.05407v1	Minority-Aware Satisfaction Estimation in Dialogue Systems via Preference-Adaptive	User satisfaction in dialogue systems is inherently subjective. When
6	2511.05162v1	Mind the Gap... or Not? How Translation Errors and Evaluation Details Skew Multiling	Most current large language models (LLMs) support a wide variety of
7	2511.05320v1	What Are the Facts? Automated Extraction of Court-Established Facts from Criminal-C	Criminal justice administrative data contain only a limited amount o

Select and view the table Schema

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Current Table: pulseai-team3-ba882-fall25.pulseai_main_db.arxiv_papers

Table Schema Search Dashboard

Schema

	name	type	mode	description
0	paper_id	STRING	NULLABLE	arXiv paper ID
1	title	STRING	NULLABLE	Paper title
2	abstract	STRING	NULLABLE	Paper abstract
3	category_sk	INTEGER	NULLABLE	Foreign key to arxiv_categories dimension
4	published_at	TIMESTAMP	NULLABLE	Paper publication timestamp
5	updated_at	TIMESTAMP	NULLABLE	Paper update timestamp
6	_loaded_at	TIMESTAMP	NULLABLE	When fact record was loaded

We have also incorporated search functionality into the dashboard, enabling keyword searches by title or abstract (e.g., it will match the input “AI” to “AI” in the title).

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Search

artificial intelligence

Search

Search in columns

title x abstract x

Search Results

Found 24 matching items

	paper_id	title	abstract
0	2511.03354v1	Generative Artificial Intelligence in Bioinformatics: A Systematic Review of Models, Ap	Generative artificial intelligence (GenAI) has become a transformativ
1	2510.23578v1	Reduced AI Acceptance After the Generative AI Boom: Evidence From a Two-Wave Sur	The rapid adoption of generative artificial intelligence (GenAI) techn
2	2510.23524v1	Toward Carbon-Neutral Human AI: Rethinking Data, Computation, and Learning Para	The rapid advancement of Artificial Intelligence (AI) has led to unpre
3	2510.23415v1	Towards Generalisable Foundation Models for 3D Brain MRI	Foundation models in artificial intelligence (AI) are transforming me
4	2510.15769v1	Preliminary Quantitative Study on Explainability and Trust in AI Systems	Large-scale AI models such as GPT-4 have accelerated the deployme
5	2510.15772v1	Self-evolving expertise in complex non-verifiable subject domains: dialogue as implic	So-called `wicked problems', those involving complex multi-dimens
6	2510.21623v1	The Universal Landscape of Human Reasoning	Understanding how information is dynamically accumulated and tra
7	2510.21469v1	Enhancing Social Robots through Resilient AI	As artificial intelligence continues to advance and becomes more int

Visualizations for exploratory data analysis (EDA). Users can select data sources from the dropdown and view time-series data to identify trends and patterns.

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Dashboard Filters

Total Items

1,505

All records

Latest Content

Nov 07, 2025

Time Series Trends

Count

