Flywheel

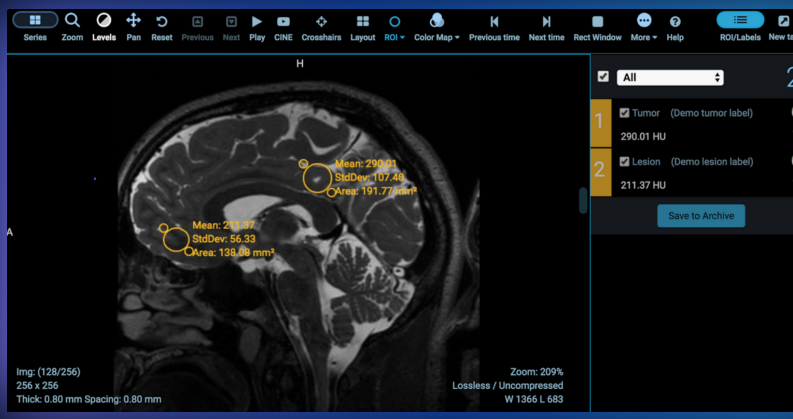
Accelerate Medical Imaging AI Development with Flywheel

Flywheel provides a compliant platform to manage and curate medical imaging data and efficiently prepare it for AI development and analysis.

Get More Time for Discovery, Training and Analysis

Medical imaging data is incredibly powerful in developing AI, but it must be well managed, labeled, and curated to develop meaningful algorithms and discoveries. In addition, developing, testing and deploying the right algorithms takes time, but 80% of data science and machine learning is devoted to data preparation.

Flywheel helps you flip that script by eliminating data bottlenecks that slow AI development. Automate your data processing workflows, scale to gather robust training datasets and add audit trail functionality for FDA-ready submissions.



See How Flywheel Works

Centralize All Your Imaging Data

Aggregate imaging data from any site, device or modality into a single, searchable repository, including current and previous clinical trial data.

Deploy and Validate AI with Confidence

Test models against real-world imaging data and maintain full compliance with 21 CFR Part 11, HIPAA, GDPR and other data regulations.

Streamline Your Data Processing Workflows

Automate quality checks, de-identification and other imaging processing tasks. And manage reader studies and annotation workflows with customizable tools for ground truth data.

1-612-223-7359 | info@flywheel.io | www.flywheel.io

Flywheel

Flywheel's Machine Learning Workflow

Leverage a full range of data curation and analysis tools.

Upload & Aggregate

- Upload data from multiple locations, institutions, clinical trials and data lakes into one, centralized platform
- De-identify and process data at the point of ingest
- Enable rapid and automated data capture utilizing a variety of ingest tools, including DICOM routers for imaging modalities, and web upload or CLI tools for PACS, RIS, raw data or file systems

Discover & Curate

- Search for any data point to create groups of subjects for analysis
- Accelerate data processing workflows via Flywheel Gears, 100+ standardized plug-in applications that automate tasks such as classification, conversion, QA/QC and more
- Capture all components of a project to support reproducibility, with options for 21 CFR Part 11 compliance, including audit trails, digital signatures and approval workflows

Annotate & Analyze

- Use our Reader Workflow module to capture annotations via built-in viewer and customizable workflows for remote readers
- Set custom labeling workflows and gather pixel-level information as ground truth for model training
- Export curated datasets directly into Jupyter Notebooks or other machine learning platforms

A top 10 global biopharma

company used Flywheel to build a massive imaging database from historical clinical trials and run remote reader studies for AI model development. The result: dramatically reduced validation time and FDA clearance for a new AI model.

200M+ Images
Ingested into Flywheel

150M+ Gears
Millions of Gear jobs run on data

1+ AI Model
Cleared by the FDA

Build Trustworthy AI With an End-to-End Platform

Schedule a demo

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Flywheel