What is Flywheel?

**Flywheel refers to a comprehensive data management and analysis platform designed specifically for healthcare and life sciences research, particularly in the domain of medical imaging**.

Flywheel provides a unified platform for storing, organizing, analyzing, and sharing medical imaging data and related information. It offers a range of features and capabilities to support various aspects of the research workflow, including:

1. **Data Management**: Flywheel allows users to **store and organize large volumes of medical imaging data**, including MRI, CT, PET scans, and more, in a centralized and scalable infrastructure.
2. **Data Analysis**: Flywheel **provides tools and workflows for analyzing imaging data, including preprocessing, analysis pipelines, and integration with popular analysis software packages**.
3. **Collaboration**: Flywheel **facilitates collaboration among researchers and institutions by providing secure access controls, data sharing capabilities, and collaborative workspaces**.
4. **Data Integration**: Flywheel **can integrate with other data sources and systems**, enabling users to combine imaging data with other types of data for comprehensive analysis and insights.
5. **Compliance and Security**: Flywheel adheres to industry standards and regulations for data security and compliance, ensuring that sensitive medical data is protected and handled appropriately.

Overall, **Flywheel aims to streamline the research process in healthcare and life sciences by providing a centralized platform for managing and analyzing medical imaging data, fostering collaboration, and enabling data-driven discoveries**.