

Summary of Artificial Intelligence in Drug Discovery Industry Analytical Framework

The [AI and Data Science Division](#) of [Deep Knowledge Group \(DKG\)](#) and its analytical pharma-focused analytical subsidiary, [Deep Pharma Intelligence](#), have constructed an intricate analytical framework competent enough to analyze, define, and predict the Artificial Intelligence in Drug Discovery (AI in DD) industry and the DeepTech technologies that drive it.

For the past decade, Deep Knowledge Group has been developing the most practical means of advancing, optimizing, predicting, and coordinating the trajectory of Artificial Intelligence in Drug Development's constant advancement and the careful, de-risked, and socially responsible delivery of its benefits for humanity.

To this end, Deep Knowledge Group has developed **the Artificial Intelligence in Drug Discovery Industry Analytical Framework** as a thorough and comprehensive framework for sector and industry analysis that makes it easier to compare businesses internationally and focuses on the technological aspect of each company's business activity.

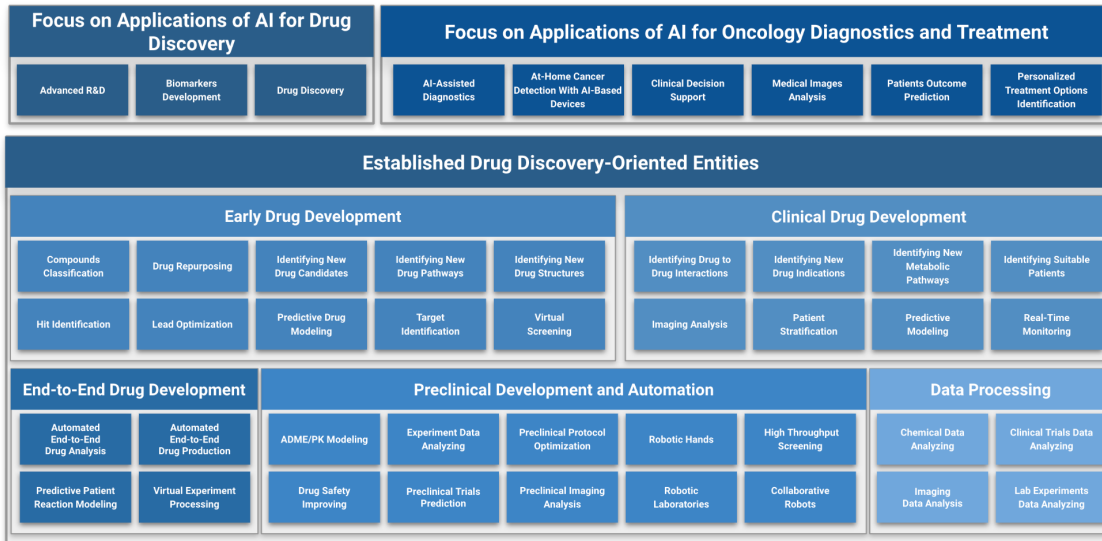
AI in the Drug Development Industry Analytical Framework consists of **three main segments**:

- Focus on Applications of AI for Drug Discovery;
- Focus on Application of AI for Oncology Diagnostics and Treatment;
- Established Drug Discovery-Oriented Entities.

The last segment contains five larger subsegments, namely, Early Drug Development, Clinical Drug Development, Preclinical Development and Automation, End-to-End Drug Development, and Data Processing.

Ultimately, the framework involves **45 subsectors** under each of the above-mentioned segments. These subsectors are set to be the major classification for further development of Big Data Analytics System and Dashboard for AI in Drug Discovery Industry.

AI in Drug Discovery Industry Framework



In 2022, this Industry Analytical Framework formed the basis of the [Deep Pharma Intelligence IT-Platform and Big Data Analytics Dashboard](#), tracking the status of:

- 700 companies,
- 1,400 investors,
- 260 collaborations, various clinical trials, publications and news items.

It delivers advanced market intelligence, interactive mindmaps, benchmarking for companies, investors, and technologies, and competitive and SWOT analyses.

Deep Pharma Intelligence IT-Platform and Big Data Analytics Dashboard



<https://www.deep-innovation.tech/pharma-dashboard>