

IQVIA Human Assisted Review Tool (HART)

Efficiency, Accuracy, Collaboration: Empower your annotation workflow

IQVIA Human Assisted Review Tool (HART) combines human precision with industry-leading NLP. It is the ultimate solution for seamless annotation and efficient labeling. With our powerful tool, you can unlock the full potential of your data by streamlining collaborative workflows, leveraging automation, large language models, and expert curation. Boost your team's labeling efficiency, save time, and achieve superior results through streamlined teamwork with HART.

AI - powered interactive curation:

- Automation Boost: Achieve 65% annotating efficiency gains with model-assisted labeling, allowing focus on corrective actions and generating ground truth
- Seamless Integration: Save time by uploading your foundational model directly into HART, effortlessly incorporating insights
- Native Format Support: Annotate, review, and manage data in its original format, including text and PDFs
- Powerful Annotation Capabilities: Utilize HART's editor for classifications, entity recognition, and relationship establishment
- Enhanced Accuracy: Combine human expertise with industry-leading NLP technology for higher accuracy and valuable insights

Key benefits

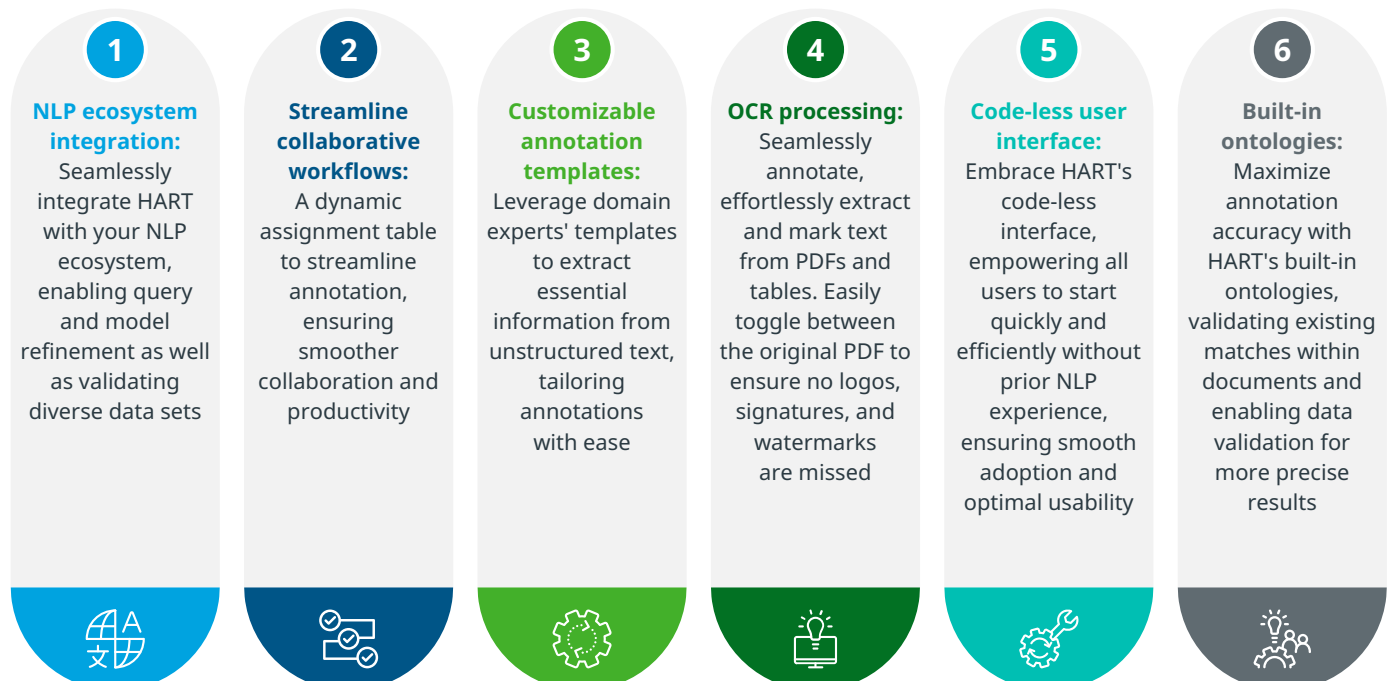
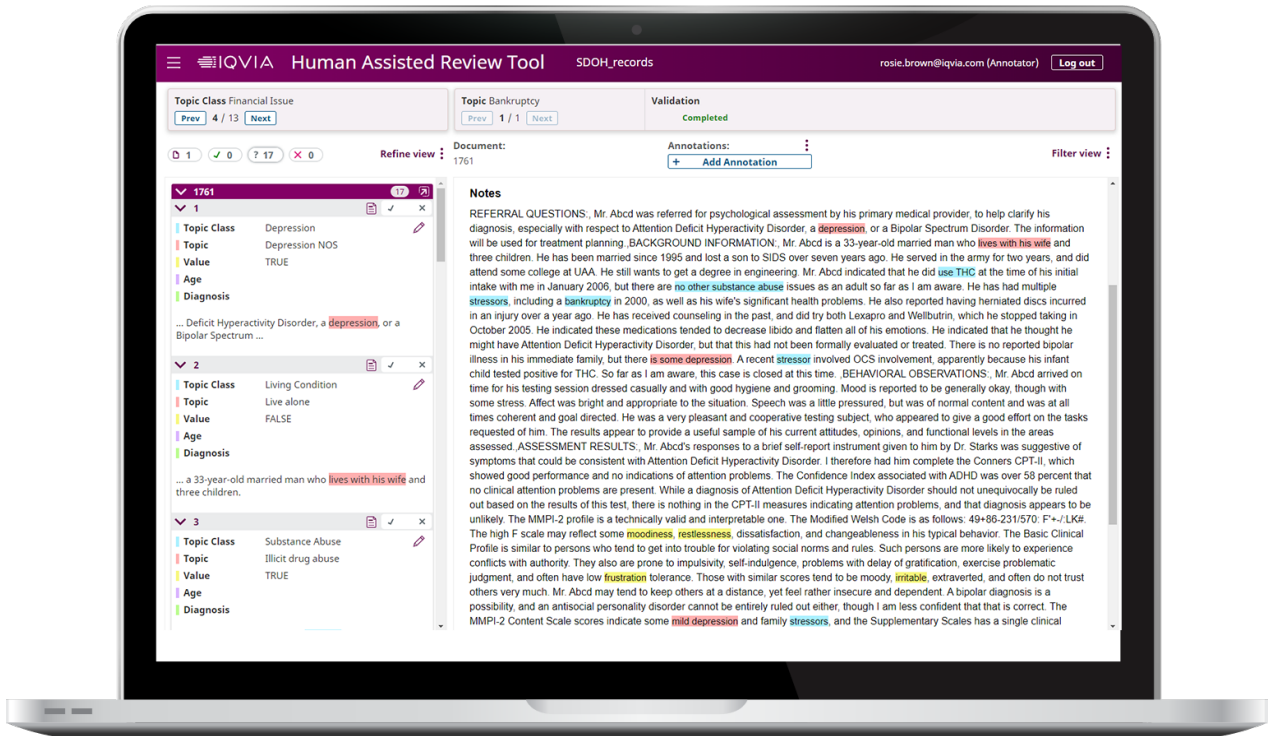


Figure 1: HART's review page for annotating and curating NLP results



<p>Safety regulation compliance</p> <p>Ensure safety regulation compliance with HART's entity recognition and data normalization. Standardize features into MedDRA codes and IDMP standards, streamlining compliance Machine learning integration.</p>	<p>Medical Affairs and HEOR</p> <p>HART enhances MSL note refinement workflows by extracting and refining attributes, streamlining workflow and model refinement processes. It also supports systematic literature reviews, ensuring accurate inclusion and enabling evidence-based decision-making in medical affairs.</p>	<p>Social Determinants of Health (SDOH) Insights</p> <p>Extract SDOH from EMR with HART for population health insights. Make informed public health decisions at the provider and community levels, driving proactive interventions.</p>	<p>Machine learning integration</p> <p>Improve query and model development by reviewing features and annotating data to refine NLP workflows. HART creates gold standards and refines LLMs (BERT) resulting in more precise and effective language models, driving advancements in natural language processing.</p>