

www.LargeKnowledgeModel.net – Project Summary

Trusted Knowledge from verified Authors, Scholars, and Experts

Mission Statement

Since 1960, **American Data Processing, Inc.** has been dedicated to giving access to knowledge through the use of Computers, Data Processing, the latest available technology, and now Artificial Intelligence. The past has been challenging, the present is exciting, and the future is here. After 60 years, we have remained focused and committed to our mission.

Introduction

Our **Large Knowledge Model (LKM)** utilizes Artificial Intelligence to bring the best of Human Intelligence from the trusted and verifiable knowledge in the 250,000 best books in the Library of Congress*. We are developing access through established search engines and creating new AI driven platforms for education, learning, and perspective with Predictive Knowledge – *“What you need to know before you know you need it”*. Humans predict the future most of their waking moments. Now with LKM and its platforms, people will have access to the minds of the most knowledgeable 100,000 authors, scholars, and experts to guide them down the path predicting their future. Not with one answer, but all the answers across the spectrum of knowledge as organized by the **Library of Congress Classification* System**.

Trusted Sources - Verification - Guidance with the spectrum of knowledge

American Data Processing, Inc. Experience:

American Data Processing, Inc. and its affiliates has published a wide range and types of publications on Computers, Data Processing, Automated Education and specialized subjects including: magazines, newsletters, periodicals, books, digests, yearbooks, handbooks, guides, encyclopedias, bibliographies, directories, and websites.

This wide range of publishing experience by **American Data Processing, Inc.** and its affiliate companies has led to an extensive range of products, each requiring specific knowledge and unique expertise:

- **Publishing resources on Computers, Data Processing, Automated Education and now AI** have given us an in-depth understanding of technical advances and a long-time view of its progress.
- We gained valuable experience in **reprinting over 5,000 previously published books** using different printing methods from offset printing, to electrostatic printing, to Xerography and finally scanning and digitizing.
- **Publishing encyclopedias and dictionaries** has given us extensive experience and unique insights on how to condense information into concise knowledge.
- **Creating general bibliographies** of the 250,000 best books in the Library of Congress* allowed us to develop proprietary software and practical solutions unique to solving bibliographic challenges.

Conclusion

American Data Processing, Inc. is dedicated to bringing the best of Human Intelligence using AI, LKM and other related resources. Working with Xerox Corporation in the 1970s, as an early Google Book Partner in the 2000s, and very briefly with the IBM Watson team in the 2010s, we have watched the impossible become possible.

The LKM Process described here is the result of teams of people working over decades, sometimes without a personal computer, and only a pen and paper, or a typewriter, and their thoughts to guide them. Many of them are no longer living, but their work goes on and their thoughts and dreams will never die. Please join us on this adventure into the future in whatever capacity best suits your qualifications.

**Disclaimer: the Large Knowledge Model has no affiliation with The Library of Congress, and we only use the Public Domain Library of Congress Classification System and the MARC (Machine Readable cataloging) available from the Bibliographic Access Division.*

Introduction to the Large Knowledge Model (LKM) Process

All the phases of the **Large Knowledge Model (LKM)** process were a significant technological challenge at their time, from **MA**chine Readable Cataloging (MARC) developed by the Library of Congress in the 1960s, to the Kurzweil Reading Machine (OCR Scanner) developed in the 1970s. Other hardware and software related products were created from the 1980s to the 2020s and have evolved to the point where AI has developed the Large Language Models of today. The **LKM Process** described here is the result of teams of people working over decades.

Large Knowledge Model Phases Explained

Large Knowledge Model – Phases 1, 2 & 3 are well established, and we have used them widely and wisely to develop many print, CD-ROM, and web-based products.

Large Knowledge Model – Phases 4, 5 & 6 begin to explore the present AI and LLM challenges to utilize its potential in relationship to Human Intelligence.

The 6 Phases of the LKM Process

- 1. LKM Process – Phase 1 – Capture Quality Bibliographic Data**
The MARC 21 bibliographic data format is available from the Library of Congress-Bibliographic Access Division. MARC 21 records ensure consistency and accuracy in the use of controlled vocabulary and headings (authority control), which is essential for effective searching and retrieval of bibliographic data.
- 2. LKM Process – Phase 2 – Select, classify, and prioritize the best 250,000 books**
Selecting the best 250,000 books by the most knowledgeable 100,000 authors assures the highest quality content for readers and researchers. By focusing on books written by knowledgeable authors, and selecting books that are well-researched, accurate, and have had a significant impact on their field, a curated selection of books can be created that meets the criteria for quality. Such a selection would provide readers with a high-quality resource that they can rely on for accurate and influential knowledge.
- 3. LKM Process – Phase 3 – Scan & Digitize the contents of 250,000 The Best Books in L. C.***
*Digitizing books is necessary to control the content for Large Language Model processing, analysis, searchability, consistency, annotation, and sharing. These benefits can make it easier to analyze and interpret the content of books and can facilitate the editorial process in training the LLM and collaboration among the editorial team. The results is a digital library of **The Best Books in the Library of Congress* BBLC - Digital Collections***
- 4. LKM Process – Phase 4 – Large Language Model (LLM) to Large Knowledge Model (LKM)**
*A LLM program will use **The Best Books in the Library of Congress* BBLC - Digital Collections** to build a Large Knowledge Model that is unmatched in its depth and breadth. By analyzing the text using NLP techniques and creating a Large Knowledge Model, the program will generate summaries, abstracts, facts and answer questions on a wide range of topics. **The Best Books in the Library of Congress* BBLC - Digital Collections** contains a vast amount of knowledge; and by harnessing the power of Large Language Model, we can unlock its full potential.*
- 5. LKM Process – Phase 5 – Basic Search & Chat**
Our search, questions and chat features have a unique hierarchical structure that allows for basic answers with bibliographic citations to books and their specific chapters.
- 6. LKM Process – Phase 6 – Advanced Search & Learning**
Our advanced search & learning option offer a more sophisticated, structured approach for learning with full bibliographic citations and guidance for a more Intelligent perspective. Queries and answers are cited by book summaries, chapter summaries, Knowledge Abstracts, and Knowledge Facts.

Easy Access to the Large Knowledge Model

Provides quick search engine access

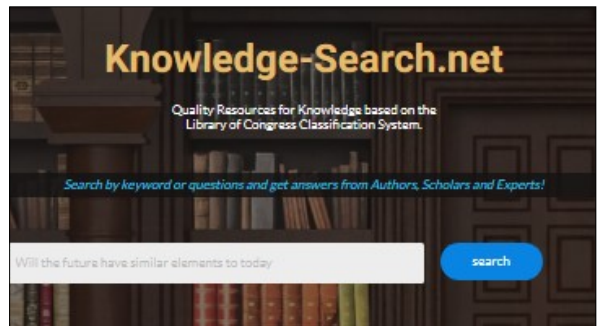
www.Bing.com

www.Google.com



Knowledge search and chat

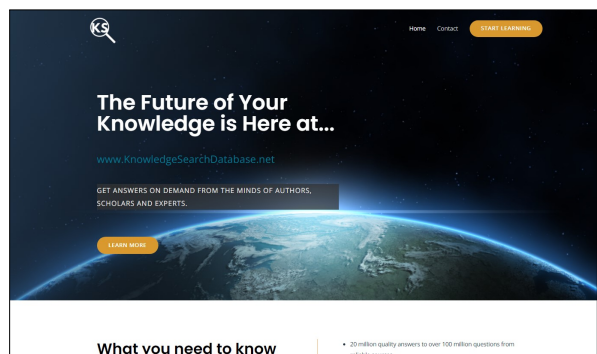
www.Knowledge-Search.net



*Direct access to the database
& record your knowledge*

www.KnowledgeSearchDatabase.net

www.MyKnowledgeBook.com



*Guides readers through the
knowledge cumulation process*

www.Knowledge-Pyramid.net



The Future with Advanced Learning & Predictive Analytics with the Knowledge Terminal

“The world henceforth will be run by synthesizers, people able to put together the right information at the right time, think critically about it and make important choices wisely.”

Consilience: The Unity of Knowledge by E.O. Wilson. PHD

Professor - Harvard University Professor (1956-1996)

Founder - E.O. Wilson Biodiversity Foundation – Duke University

The future is not going to look much like the past, but we learn and adapt quickly and smoothly.

The goal is to learn from the past, correlate it with the present to predict the future wisely.

ALM - Advanced Learning Module

Organized and accelerated learning by subject to guide the “student” through the process of accumulating knowledge in the most efficient sequence. Video, audio, illustrations, maps, and text are utilized to present an interactive “multi-media” educational approach based on the works of the best 100,000 authors, scholars, and experts. Multiple delivery options include cumulative knowledge sequence, overview, chronological, and biographical, all with verified expert guidance and further reading. The **Advanced Learning Module** has 220+ broad subject modules and the following: sub-modules, 20,000+ narrow subjects, 10,000+ geographical, 10,000+ biographical, and 20,000+ events. The **Personal Learning Module** feature tracks your past, and present knowledge to predict what you will need to know next.

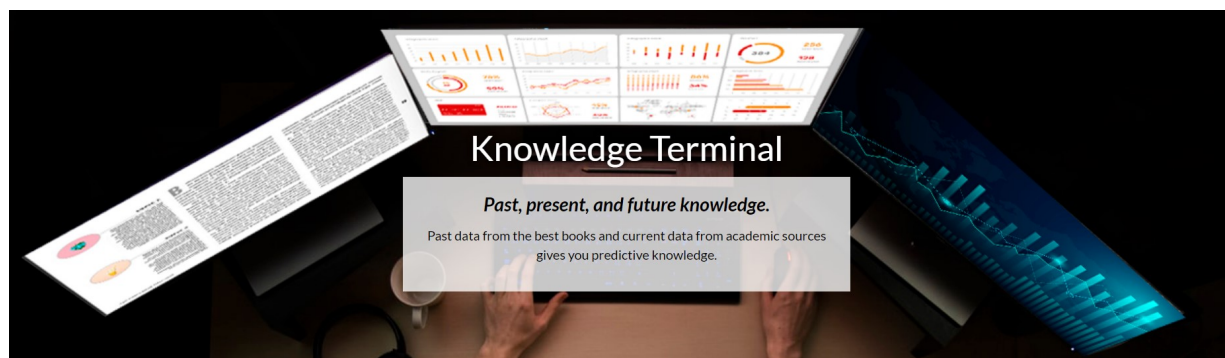
PKM - Predictive Knowledge Module

Predictive knowledge is an invaluable tool that enables individuals and organizations to anticipate future outcomes based on historical data and trends. Past data from the best books and current data from academic sources gives you predictive knowledge. The **Predictive Knowledge Module** can be run from the cloud to a PC or through our Knowledge Terminal Platform with its *Predictive Analytics Feature* – Possibilities will become probabilities and lead to predictabilities and unknowns will become manageable knowns. The Large Knowledge Model will learn from the accurateness of the predictions and share this data for refinement in real time.

Knowledge Terminal - www.Knowledge-Terminal.net

The **Knowledge Terminal** with its proprietary hardware, software, security, and storage will give “real time” access and guidance by the **Large Knowledge Model** platform. The **Knowledge Terminal** will be preloaded with all the American Data Processing modules which will offer predictive analytics with management outcome.

The **Knowledge Terminal** will enable users to curate, organize and prioritize knowledge from resources according to their criteria and needs with possibilities, probability, and predictability outcomes.



American Data Processing, Inc.

Publisher of Data Resources for Knowledge Since 1960

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