AI Roadmap for Libraries & Research

Preparing Your University for the Next Digital Leap

Thank You to Suan Dusit University for making this event Possible.

Thanks to all the Participants for Attending.

Thanks to all the Faculty Members, Library Staff, Speakers, and Everyone who contributed to making this event a success

Challenges: Library

- High volume of repetitive questions
- Limited librarian time
- Large Volume of IR Content not easily accessible to all students

AI Solutions: Library

- 24/7 AI reference assistants
- Conversational search & content understanding
- Auto-routing complex queries
- Any Language

Challenges: Finding Content

- Keyword search failures
- Weak research skills
- English proficiency gaps
- Difficult to understand Complex Content
- Very Time consuming

AI Solutions: Content Discovery

- Semantic search
- AI-guided search help
- AI simple summaries and explanations of complex content
- Translation into any language
- Ai auto quizzes to ensure understanding

Challenges: Accessibility

- IR under-used
- Poor or no metadata
- Complex OPAC navigation

AI Solutions: Accessibility

- AI Auto-tagging and metadata creation
- OCR + translation
- Natural language search

Challenges: Researcher

- Too many papers/content to digest
- Fast Paced & Evolving Subject Areas
- Slow manual process for literature reviews

AI Solutions: Researchers

- Fast AI trend summaries & analysis
- Fast literature reviews
- New publication alerts with simple summaries

Challenges: Researchers & Students

- English writing proficiency
- Writing structure
- Citation issues
- High rejection rates

AI Solutions: Researchers & Students

- AI Powered Ideas outline & drafting support
- Grammar & citation checking
- Multilingual support and translation
- Simplified summaries
- Plagiarism Solutions

Challenges: Faculty

- Course Material creation & updates
- Need new case studies
- Demand for personalization
- Creating Quizzes, Projects and Exams

AI Solutions: Faculty

- Auto slides & quizzes
- Paper summaries
- AI in LMS
- AI Grading Assistance for essay questions

Summary of How AI Will Enhance your Library

- AI will expand Library reach and utilization
- AI will amplify research impact
- AI unlocks ACCESS for ALL

What is iGroup Doing

- Content Databases Powered with AI
- Institutional Repository AI Tools
- OPAC – AI Tools
- eLearning powered by AI
- AI – Knowledge Management Application

What Can AI do with Content

- Summaries
- Quizzes
- Book Companion
- Translation by: Page, Chapter, Book
- Content Update: Page, Chapter, Book

iGroup + AI

- iGroup started with AI 11 years ago
- Collaboration with Tokyo Univ created ImaChek
- Image Analysis AI Software for Life Sciences & BioMed Images

ImaChek

AI Powered BioMed & Life Sci. Image Analysis

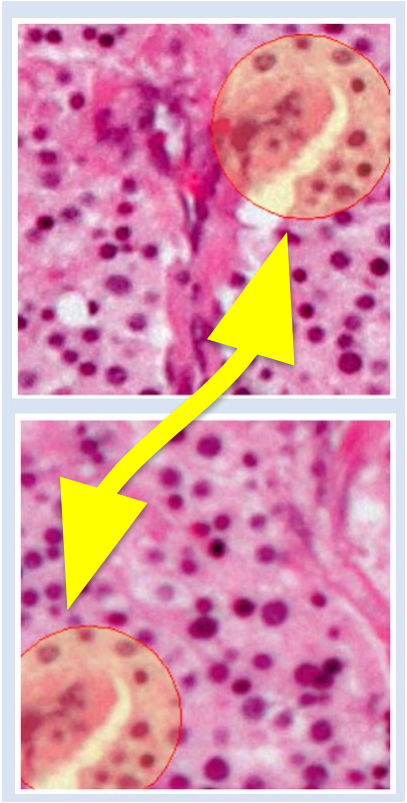


Image Manipulation

- Cropping & Rotating
- Scaling
- Overlapping

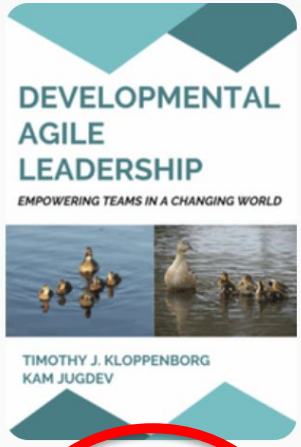
Image Reuse/Plagiarism

- Within Same Paper
- From Other Sources

BUSINESS EXPERT PRESS

AI Powered Business Content Database

AI Search How to use AI tools to empower small business?



eBook

Translate

Developmental Agile Leadership: Empowering Teams in a Changing World

0

Full Text

Kloppenborg Timothy J., Jugdev Kam

Business Expert Press | English | 161 pages | 2025

Developmental Agile Leadership offers a practical and human-centered approach to growing resilient, adaptive teams through trust, learning, and shared purpose. This book blends Agile, developmental, and servant leadership to help leaders support (rather than control) collaborative, self-manag...

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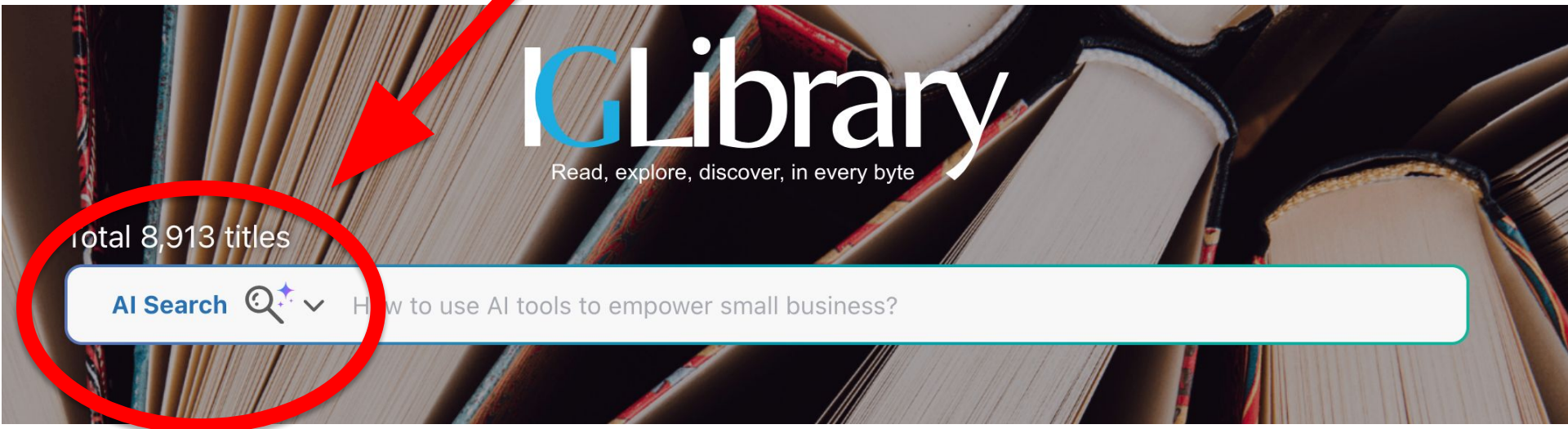


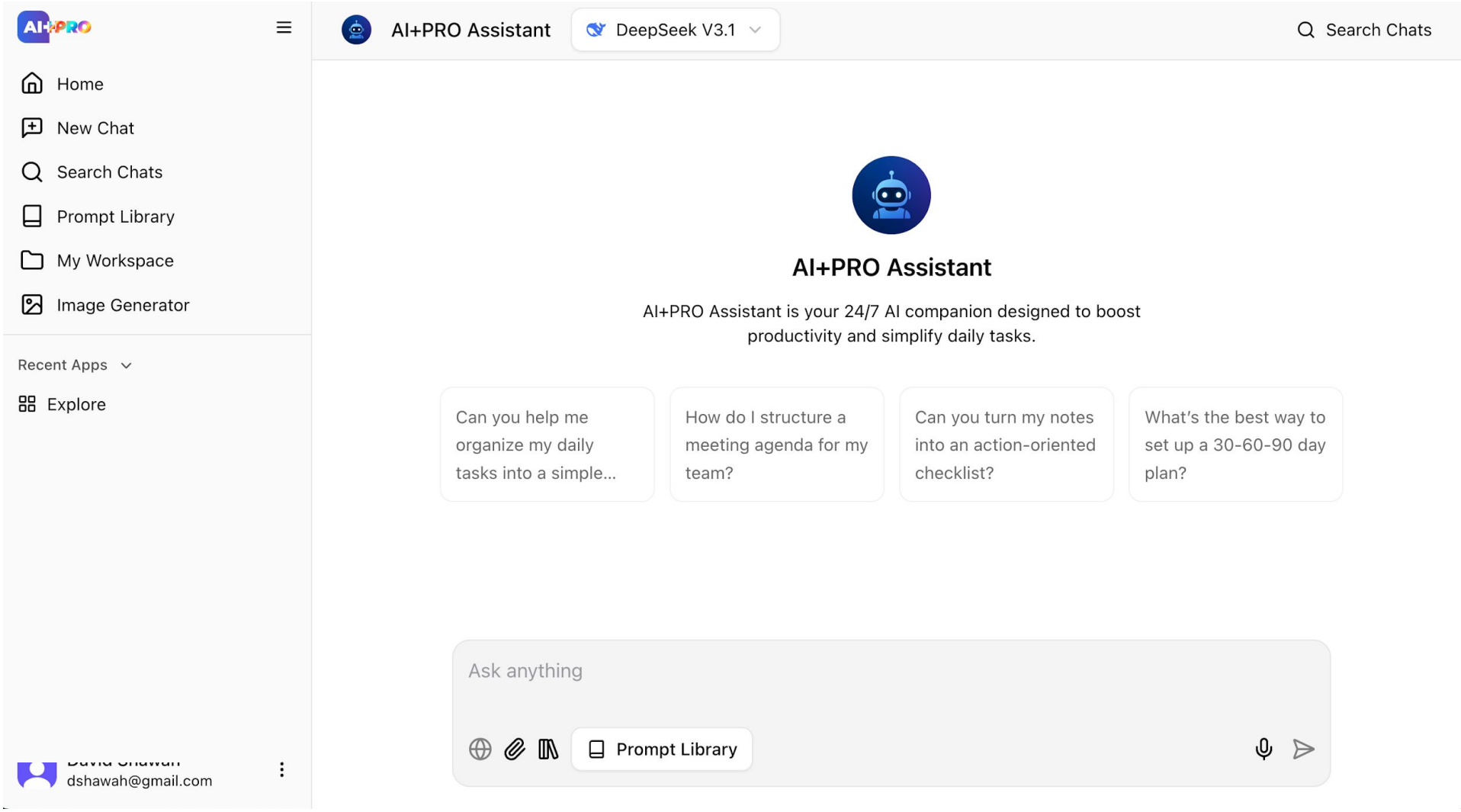
AI+ LIBRARIAN

Six Modules of Library Related AI Training

WHAT YOU'LL TAKE HOME

Immediate Tools:	AI+ Pro Features:	Measurable Results:
150+ Library-ready AI prompts	Choose between commercial and open sourced models	Reduce research preparation time by up to 50%
Complete implementation workbook	Text and image generation	Enhance user engagement and satisfaction through personalized AI interactions
Complimentary access to powerful AI tools within AI+Pro	Secure content upload	Achieve organizational AI leadership positioning in the information science domain
	Library-specific AI apps	
	PRISM Framework integrated	
	Ready-made prompt templates	Develop career-advancing expertise in AI-driven library strategies

Your Library's AI Platform



AI Nursing Library – 16 Titles

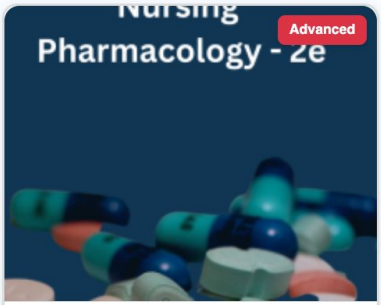
Nursing Skills 2e

Comprehensive guide to essential nursing skills and procedures for healthcare professionals.

Clinical Skills | 400+ pages

Publisher: WTCS

ACCESS RESOURCE



Nursing Pharmacology 2e

Updated pharmacology reference covering drug classifications, mechanisms, and nursing considerations.

Pharmacology | 500+ pages

Publisher: WTCS

ACCESS RESOURCE

Nursing Pharmacology

Essential pharmacology principles for nursing practice and patient care.

Pharmacology | 350+ pages

Publisher: WTCS

ACCESS RESOURCE

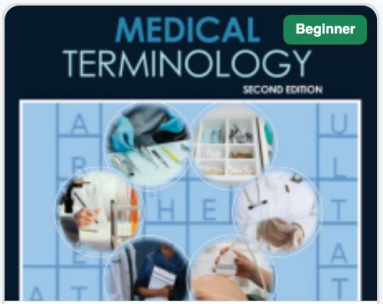
Nursing Health Promotion

Evidence-based strategies for health promotion and disease prevention in nursing practice.

Health Promotion | 300+ pages

Publisher: WTCS

ACCESS RESOURCE



Medical Terminology 2e

Comprehensive medical terminology reference with word roots, prefixes, and suffixes.

Medical Terminology | 250+ pages

Publisher: WTCS

Health Alterations

Pathophysiology and nursing management of common health alterations.

Pathophysiology | 450+ pages

Publisher: WTCS

Nursing Assistant

Fundamental skills and knowledge for certified nursing assistants.

Fundamentals | 280+ pages

Publisher: WTCS

Nursing Fundamentals 2e

Updated foundation of nursing practice, theory, and essential skills.

Fundamentals | 600+ pages

Publisher: WTCS

WorldLibrary

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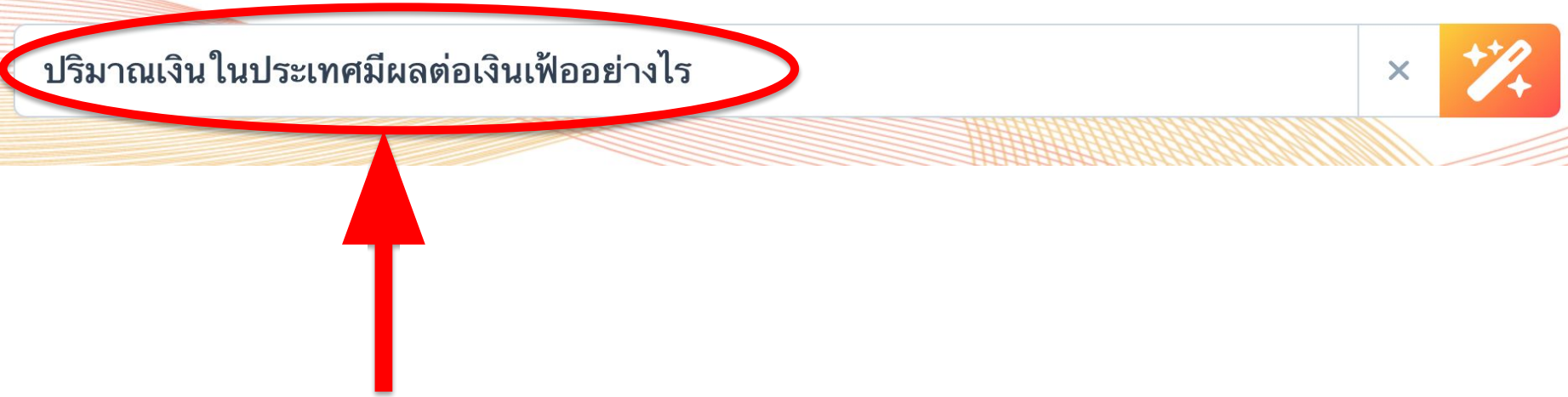
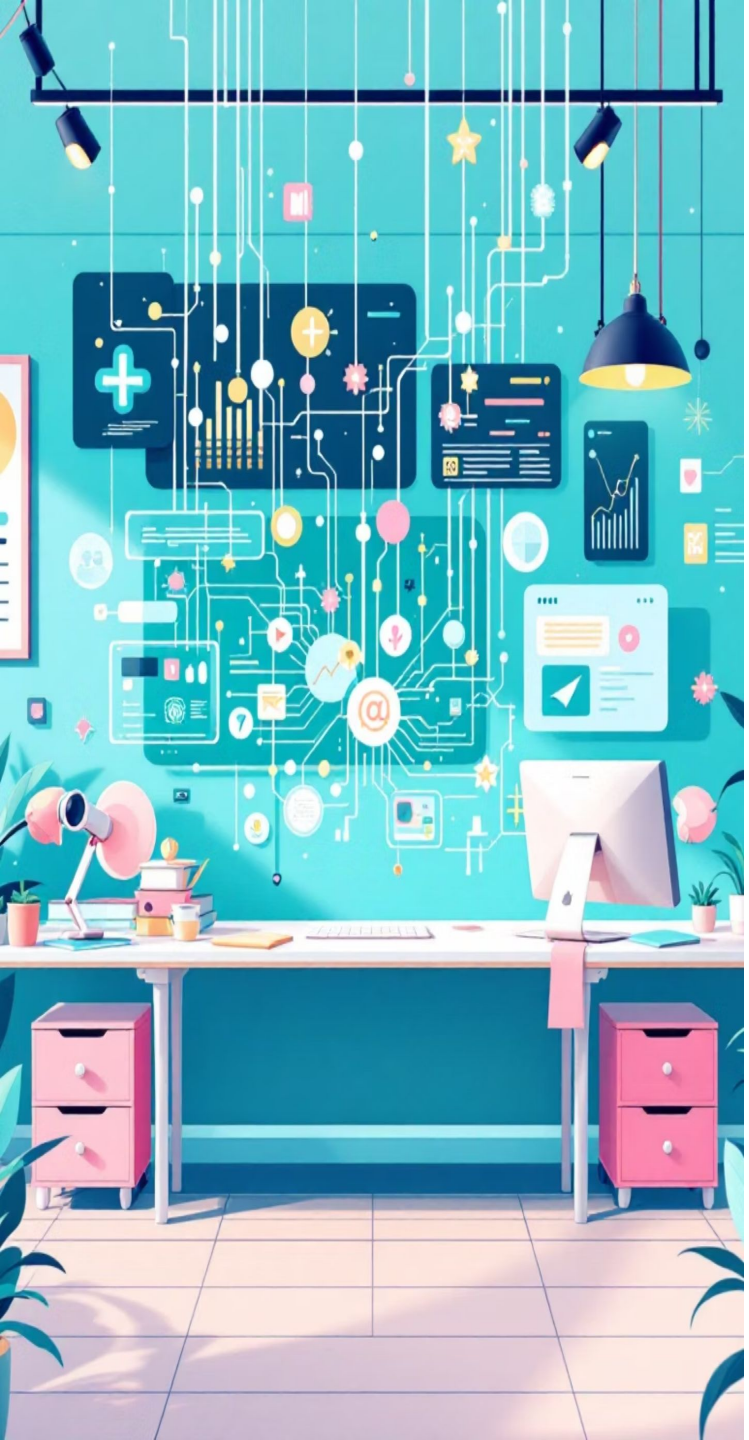
AI Search - AI Summaries - AI Traslation



AI Powered Search in ANY Language!

KMAI
Knowledge Management AI

Transform All your Information & Data into an AI Powered Knowledge Database



D2K: Data to Knowledge

Transform Organizational Data into Useable Information

Made with GAMMA

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B1-B2

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“One World Library”

- Online Learning: eLearning Workspace for Skills Development
- Hybrid Learning: Utilizing Coaches/Teachers/Trainers to enhance the eLearning Experience
- Digital Access: Everyone has access to Educational Digital Content
- Cultural Exchange: A place to Share Connect & Experience other Cultures

CHARLESTON HUB
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If you have any advice or ideas please let us know.

Thank You So Much!