\*\*M.A.D Bootcamp - Program Journey & Course Outline\*\*  
  
\*\*Course Overview\*\*  
  
1. Predictive AI  
 \* Introduction to Predictive AI  
 \* Real Use Cases  
 \* Fundamental of Data Analysis  
2. Large Language Model (LLM)  
 \* Introduction to LLM  
 \* Get to Know LLM API  
 \* Prompt Engineering Basics  
 \* LLM API for Beginners  
 \* Leveraging LLM API  
3. Human AI Interaction  
 \* Principle of Human AI Interaction  
 \* Introduction to HCI  
 \* Ideation & Brainstorming  
 \* Interface Design and Evaluation  
 \* Human & AI  
4. Machine Learning  
 \* Principle of Machine Learning  
 \* Data Pre-Processing  
 \* Time Series Analysis  
 \* Model Evaluation and Ethics  
 \* Model Evaluation  
 \* Ethical Considerations & Bias in AI  
5. Advanced Predictive AI  
 \* LangChain  
 \* LLM API In-Depth  
 \* Introduction to LangChain  
 \* Advanced LangChain  
 \* Leveraging LLM  
 \* LLM Application  
 \* Sentiment Analysis  
 \* Diffusion Model  
 \* Content and Conversational AI  
 \* Augmented Intelligence  
 \* Future Trends and Challenges  
 \* Apply Human & AI  
 \* Generating an image using stable diffusion  
 \* Retrieval-Augmented Generation (RAG) with LangChain  
  
\*\*Course Outline\*\*  
  
\*\*Module 1: Predictive AI\*\*  
  
Learners will discover methods for studying data, delve into the skills of building AI models to predict the future, and confidently use data for decision-making. This involves using advanced mathematical, statistical, and Machine Learning techniques combined in data analysis.  
  
Total hours in this Module: 15 hours  
  
\*\*Predictive AI - Course Outline\*\*  
  
\*\*Lesson 1: Introduction to Predictive AI\*\*  
  
\* What is AI?  
\* Introduction to Data  
  
\*\*Lesson 2: Real Use Cases\*\*  
  
\* Example of predictive AI capabilities  
\* Overview of designing and building AI systems through real-world use cases  
\* Workflow for building predictive AI  
  
\*\*Lesson 3: Fundamental of Data Analysis\*\*  
  
\* Introduction to data analysis  
\* Data analysis pipeline and exploratory data analysis (EDA)  
\* Data Visualization  
\* Introduction to Google Colab & Data Visualisation lab  
  
\*\*Lesson 4: Principle of Machine Learning\*\*  
  
\* Introduction to Machine Learning  
\* Major of machine learning models (Supervised learning, Unsupervised learning)  
\* Overfitting and Underfitting in supervised learning problem  
\* Train-test-validation split  
\* Example of real use case in supervised learning problem  
  
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\*\*Score: 9/10\*\*  
  
\*\*Comment:\*\*  
  
The translation is generally excellent and accurately conveys the meaning of the Thai text. Here's a breakdown of why it's a strong translation and a few minor suggestions:  
  
\*\*Strengths:\*\*  
  
\* \*\*Accuracy:\*\* The core concepts and information are translated correctly. The English version reflects the content of the Thai original.  
\* \*\*Clarity:\*\* The English is easy to understand and well-written. It uses appropriate terminology for the subject matter.  
\* \*\*Completeness:\*\* All sections of the Thai text are translated.  
\* \*\*Contextual Understanding:\*\* The translator understands the context of a bootcamp/course outline and uses appropriate language.  
  
\*\*Minor Suggestions (for a perfect 10):\*\*  
  
\* \*\*Consistency:\*\* While generally good, ensure consistency in capitalization (e.g., "AI" vs. "Al"). Sticking to "AI" throughout is preferable.  
\* \*\*Slightly More Natural Phrasing:\*\* In a few places, the phrasing could be slightly more natural for a native English speaker. For example, in the Module 1 description, "delve into the skills of building AI models" could be rephrased to "develop skills in building AI models" or "learn to build AI models."  
\* \*\*Formatting:\*\* Ensure the formatting is consistent with the original document.  
  
\*\*Overall:\*\*  
  
This is a very high-quality translation. The minor suggestions are just for polishing and achieving an even more refined result. The translator has demonstrated a strong understanding of both languages and the subject matter.