DGIP Artificial Intelligence Implementation

Lombok, 6 Nov 2023

IT Directorate DGIP
DGIP Using IBM Watson as an artificial intelligence engine

IBM Watson - Watson was a computer based on GPU designed and developed by IBM. This advanced computer combined artificial intelligence (AI), automation and sophisticated analytics capabilities to deliver optimal performance as a "question answering" machine.

Step
1. Training
2. Validation
3. Using Model

Algorithm will generate by IBM Watson, IBM Watson will give recommendation best Algorithm for using, according to user needs.
ARTIFICIAL INTELLIGENCE DEVELOPMENT

Data Processing and using by Application

Advantage for User
- Search Image Similarity (Shape, Color)
- Advanced Search (Phonetic, Query Filter)
- Fast Loading More Than 2 Million Data

Development Still Running For Trademark (Training 9,000-12,000 data each day from 1,800,000 data)
Patent & Industrial Design and will use by Examiner
ARTIFICIAL INTELLIGENCE DEVELOPMENT

Implementation Timeline

- 2020 - 2021: Hardware & Licensing
- 2022-2023: Training Data & Develop Application
- Feb 2024: Go Production
Thank You

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