Artificial Intelligence In Dietetics

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Objectives

- Definition Artificial Intelligence(AI)
- Benefits of AI in education in the area of Nutrition and Dietetics
- Benefits of AI to the Consumer
- Benefits of AI to the Dietetic Practice

What is Artificial Intelligence

Artificial Intelligence (AI) defined as …..

- Artificial Intelligence is the development of computer systems to be able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages.

How Does AI Benefit the Field of Nutrition and Dietetics

Education

Consumer Convenience

Dietetic Practice
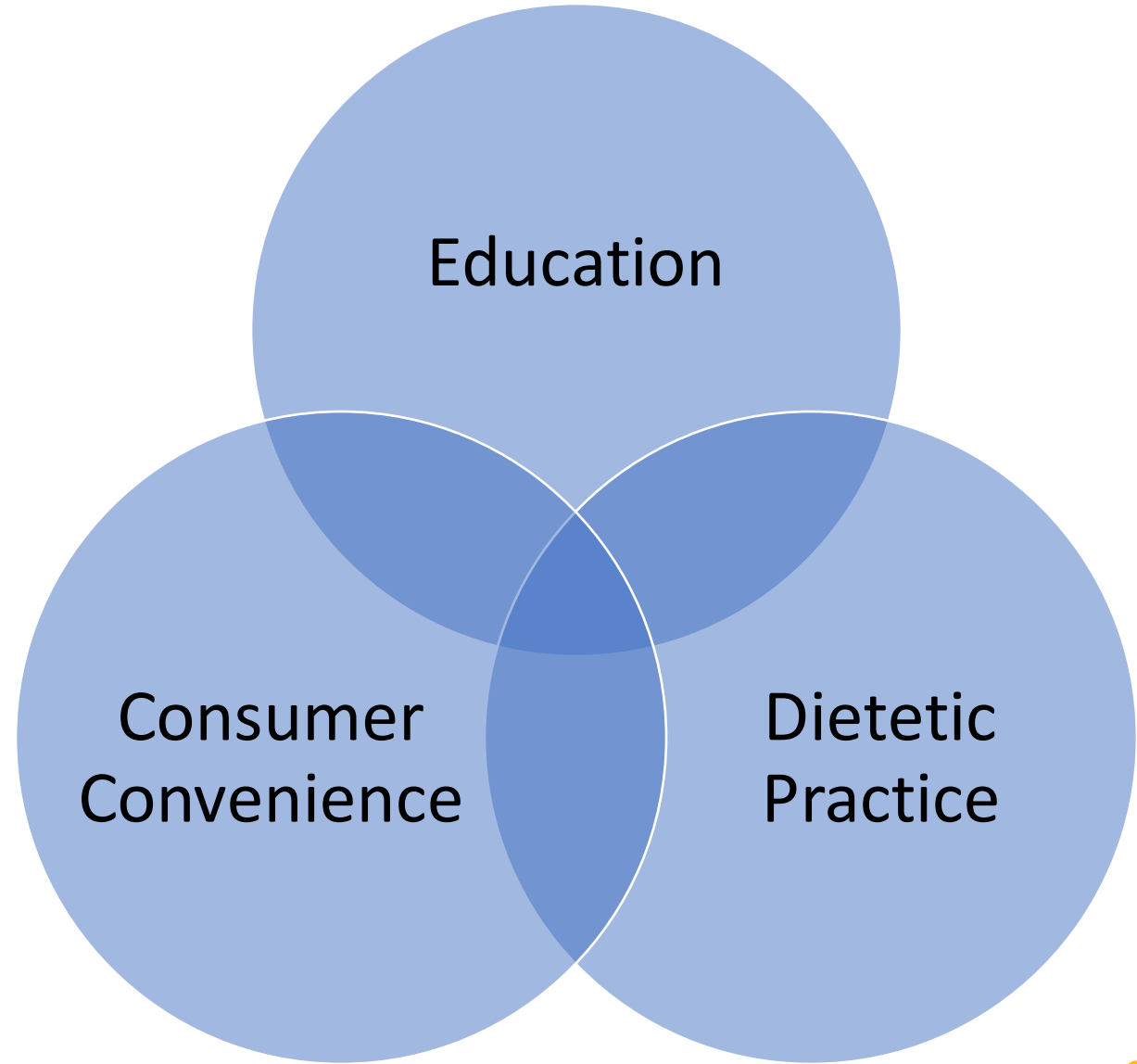
How does AI Benefit Education in Nutrition and Dietetics

Education

Educating the Consumer

Some Benefits Include

- Low cost
- High Efficiency
- Portability
- Can be individualized

Education

Educating The Dietetic Student

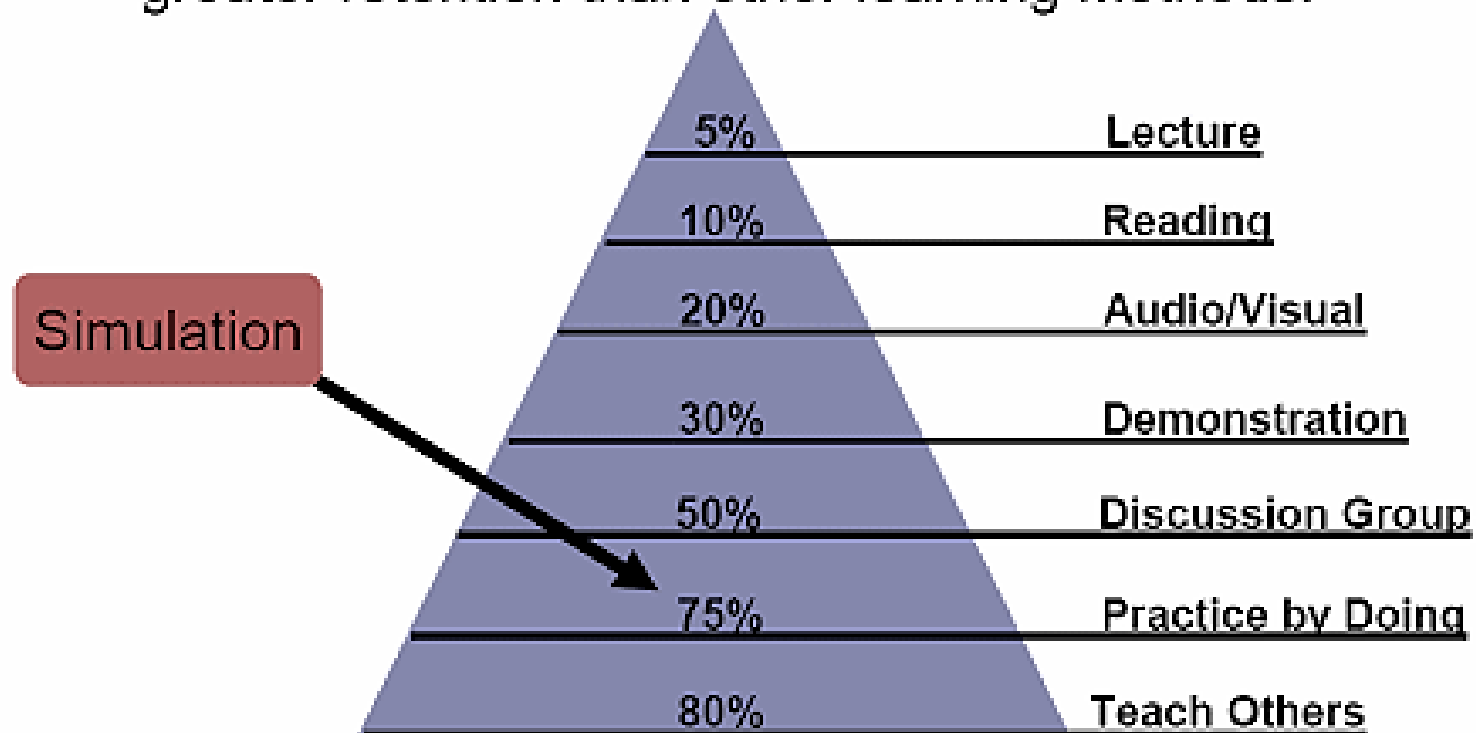Some Benefits Include

Accessibility

Students are able review each lesson as needed.

Retention of information.

Research Study

Virtual Reality Simulation: An Innovative Teach Tool Teaching Tool for Dietetics Experiential Education

Research has shown that learning by doing drives
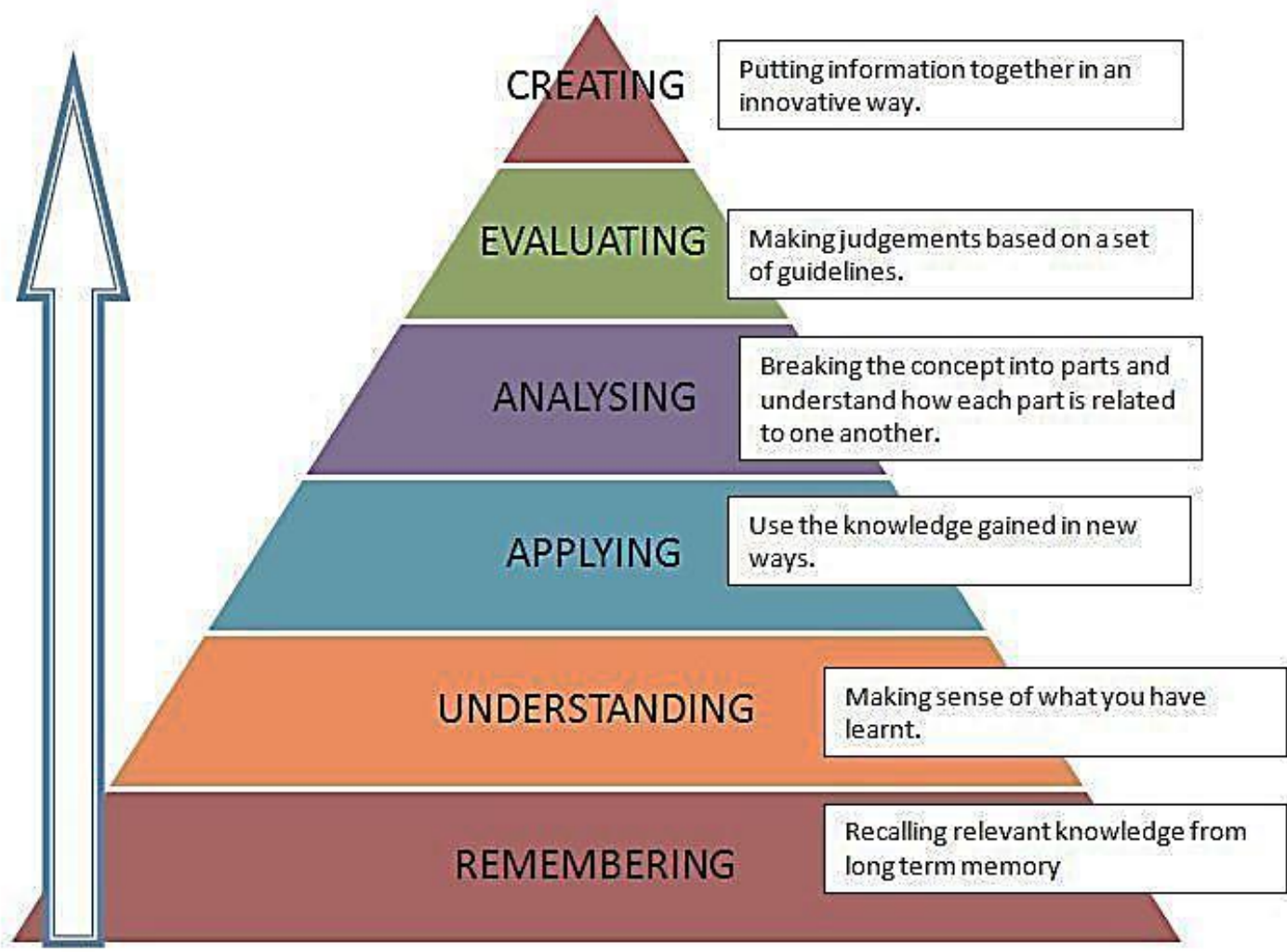greater retention than other learning methods.

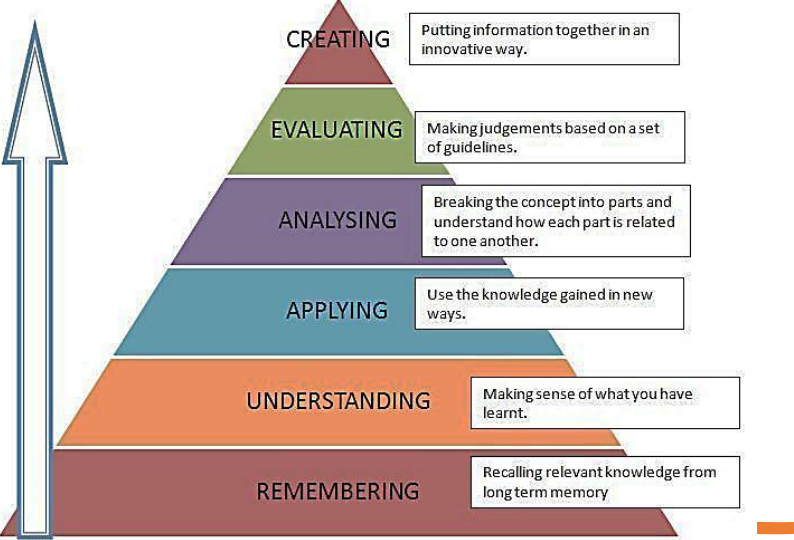|	
5%	Lecture
10%	Reading
20%	Audio/Visual
30%	Demonstration
50%	Discussion Group
75%	Practice by Doing
80%	Teach Others

Simulation

Source: National Training Laboratories

CREATING — Putting information together in an innovative way.

EVALUATING — Making judgements based on a set of guidelines.

ANALYSING — Breaking the concept into parts and understand how each part is related to one another.

APPLYING — Use the knowledge gained in new ways.

UNDERSTANDING — Making sense of what you have learnt.

REMEMBERING — Recalling relevant knowledge from long term memory

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Examples

– by Ryan Hartz

provide dietetic students with study materials to prepare for the Dietetians Registration exam..

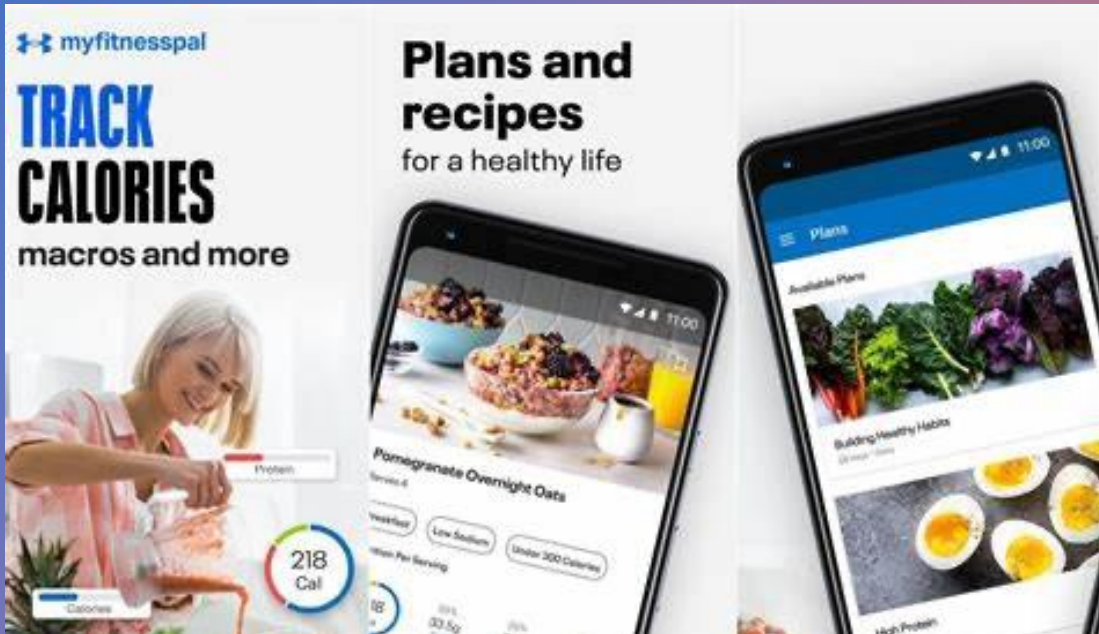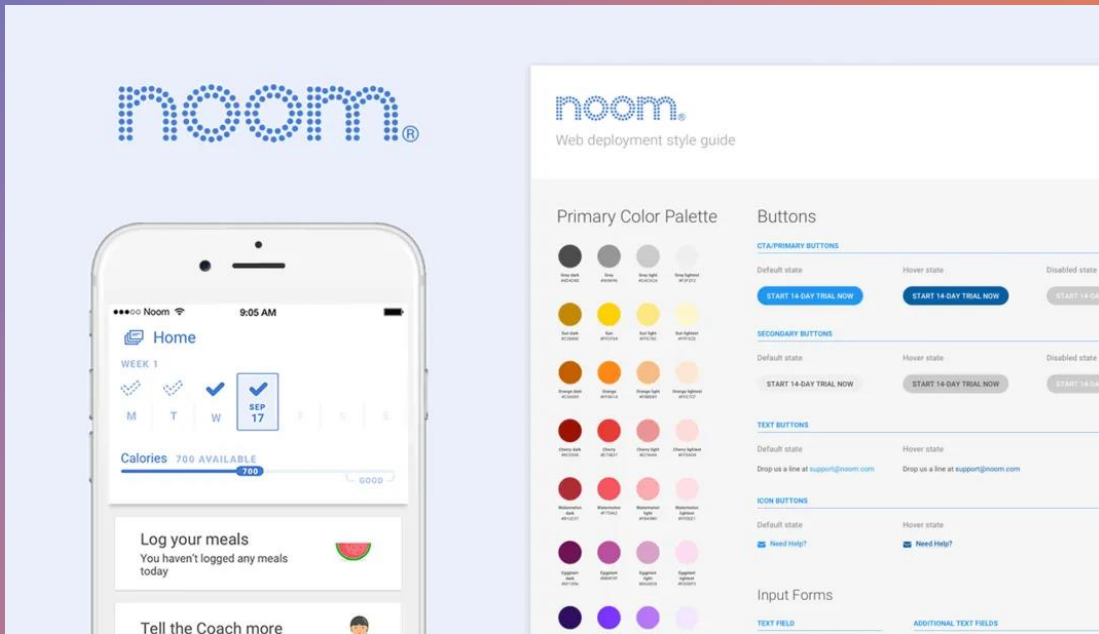# How does AI Benefit the Consumer in Nutrition and Dietetics ?

Consumer Convenience

Some Benefits include

- Personalized Nutrition

- Saves the consumer time.

- Allows the consumer to prioritize diet and exercise with little effort

Consumer Driven AI

How does AI Benefit the Dietitian?

Some Benefits for the Dietitian Include …

Constant contact with the consumer

Dietitian can monitor information placed in app as often as needed without having to contact the consumer.

Dietitian can conduct meetings via video call as needed.

Communication with consumer can be conducted in different ways (email, test message, Facebook Messenger, etc.)

AI for the Dietitian

- My NetDiary Professional Connect - Is a Free tool that makes it easy to review client food logs and other data at a glance and provide feedback on food, exercise, and other metrics important for weight loss, helping your clients get the maximum benefits of your professional guidance.

AI for Dietitians Private Practice

- Practice Better- Practice Better is the complete client management platform for nutritionists, dietitians and wellness professionals. Better allows you to manage your practice like a pro, so you can spend less time worrying about the business and more time caring for your clients. Practice Better is the complete client management platform for nutritionists, dietitians and wellness professionals.
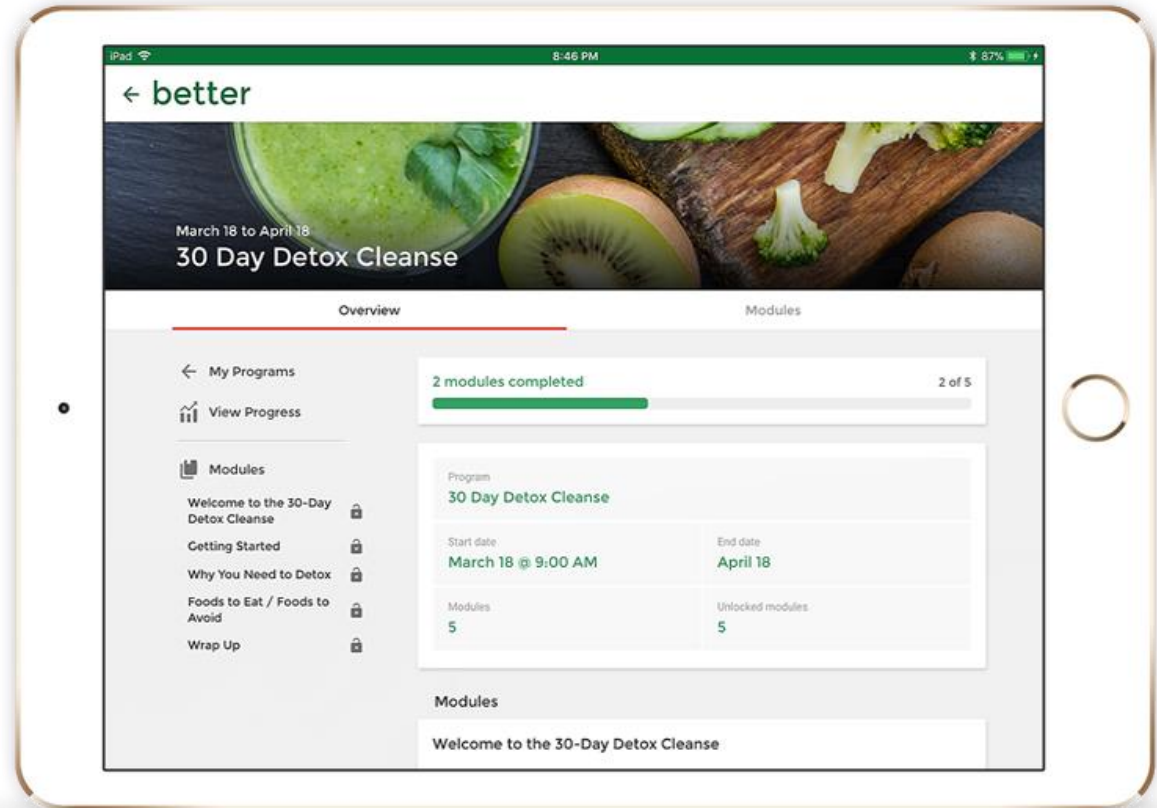
Some AI is made to benefit in education, the consumer , as well as the dietetic professional.

- Llena (AI) applications has all three benefits

Llena (AI)

How Do You Sign up for Llena (AI)?

Review

AI Benefits can be used to improve

- Education

- Customer Experience

- Research and Data Analysis

Ask yourself one question .

How has Artificial Intelligence benefited you?

Any Questions?

References

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