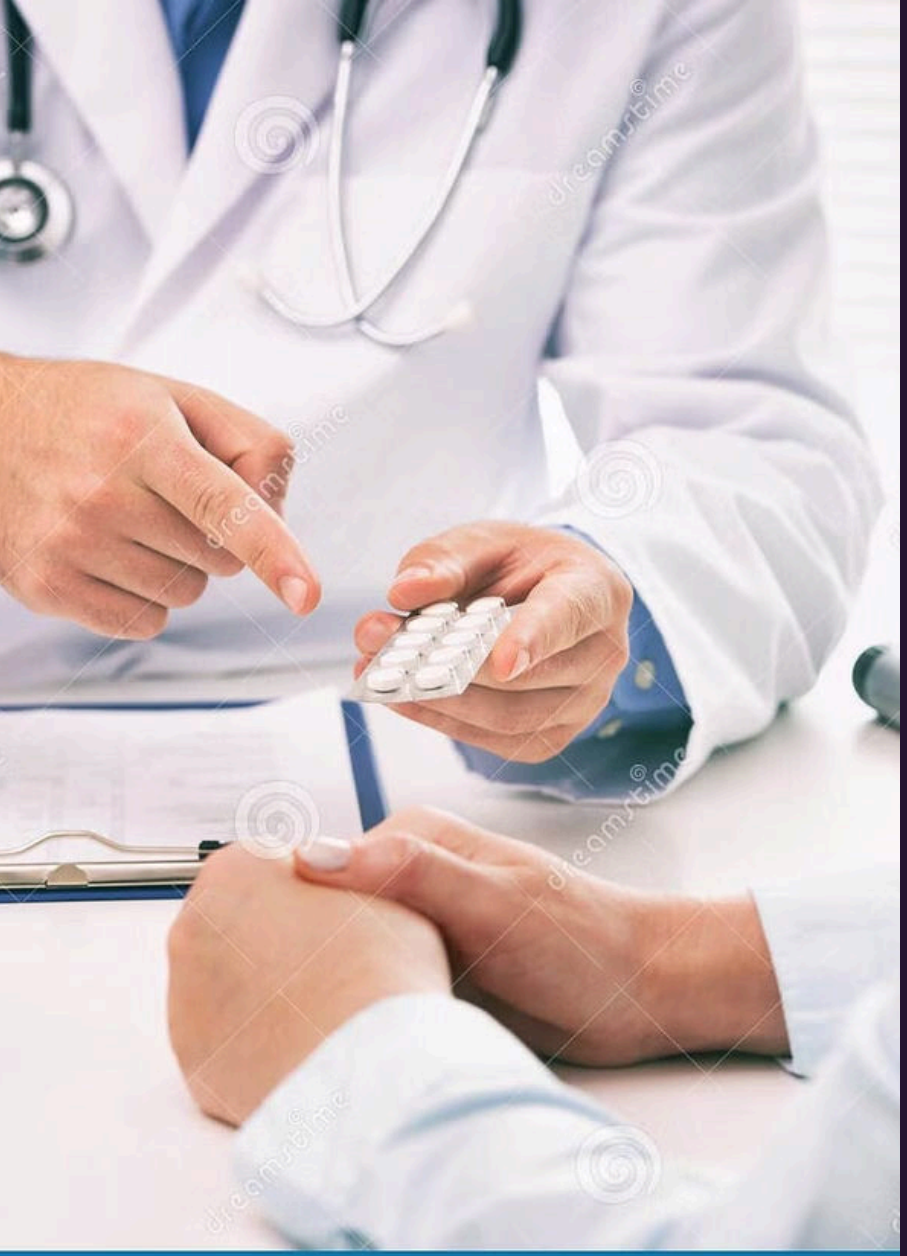

NutriMed: Medicine Suggestion

NutriMed is a cutting-edge AI-powered platform that provides personalized medicine recommendations. By analyzing an individual's health data, NutriMed can suggest the most suitable medication tailored to their unique needs, promoting optimal treatment and well-being.

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Methodology

1

Data Collection

NutriMed gathers comprehensive health data, including medical history, genetic information, and lifestyle factors.

2

Data Analysis

Sophisticated algorithms analyze the collected data to identify patterns and correlations that inform medication recommendations.

3

Personalized Suggestions

NutriMed provides personalized medicine recommendations tailored to the individual's unique health profile and needs.

Speech Recognition

Voice Input

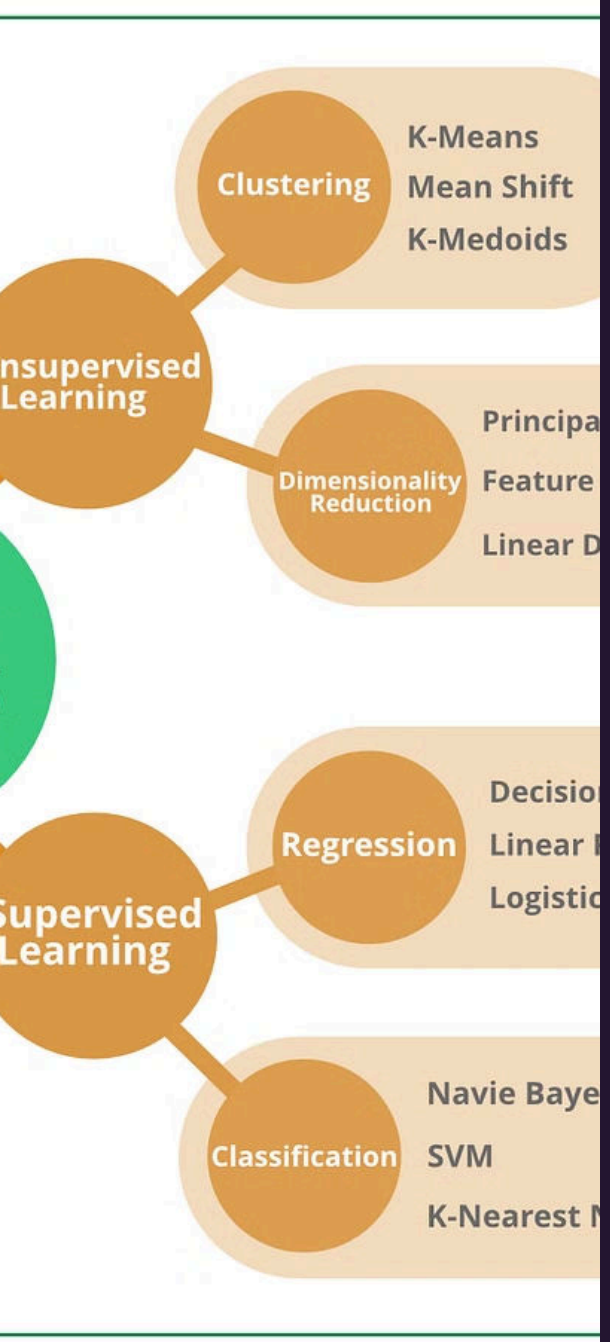
NutriMed's advanced speech recognition technology allows users to input their health concerns and medical history verbally.

Automated Transcription

The spoken information is accurately transcribed and integrated into the patient's digital health record.

Natural Language Processing

NutriMed's AI-powered natural language processing analyzes the transcribed data to extract relevant medical information.



ML/DL Model

Predictive Analytics

NutriMed's machine learning models analyze the parsed data to predict the most suitable medications for the user.

Continuous Learning

The AI-powered system continuously learns from new data, refining its medication recommendations over time.

Personalized Approach

The ML model takes into account the user's unique health profile, medical history, and individual preferences.

Drug Prediction

1

Data Integration

NutriMed integrates the user's health data from various sources to create a comprehensive profile.

2

Algorithm Analysis

The system's advanced algorithms analyze the data to identify the most appropriate medication options.

3

Personalized Recommendation

NutriMed provides a tailored medication recommendation based on the user's unique health needs and preferences.

Results & Accuracy

Sample Outcome

```
Press 'Y' to find the drug requriedY
enter the disease diarrhea
Enter your age 7
Enter your gender female
Enter the severity 1
```

Accuracy

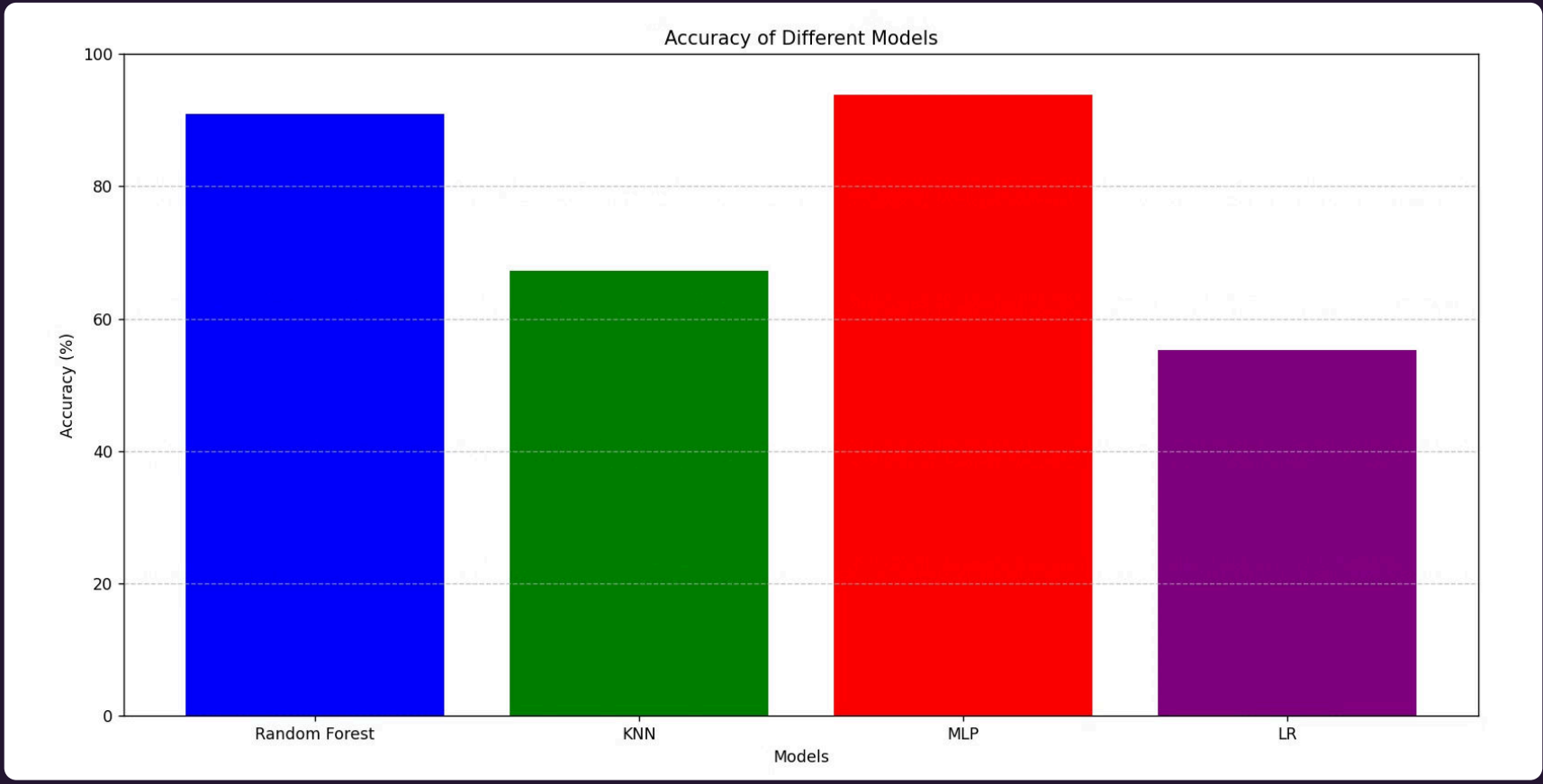
Achieved an accuracy of 93.8% using MLP

Results & Accuracy

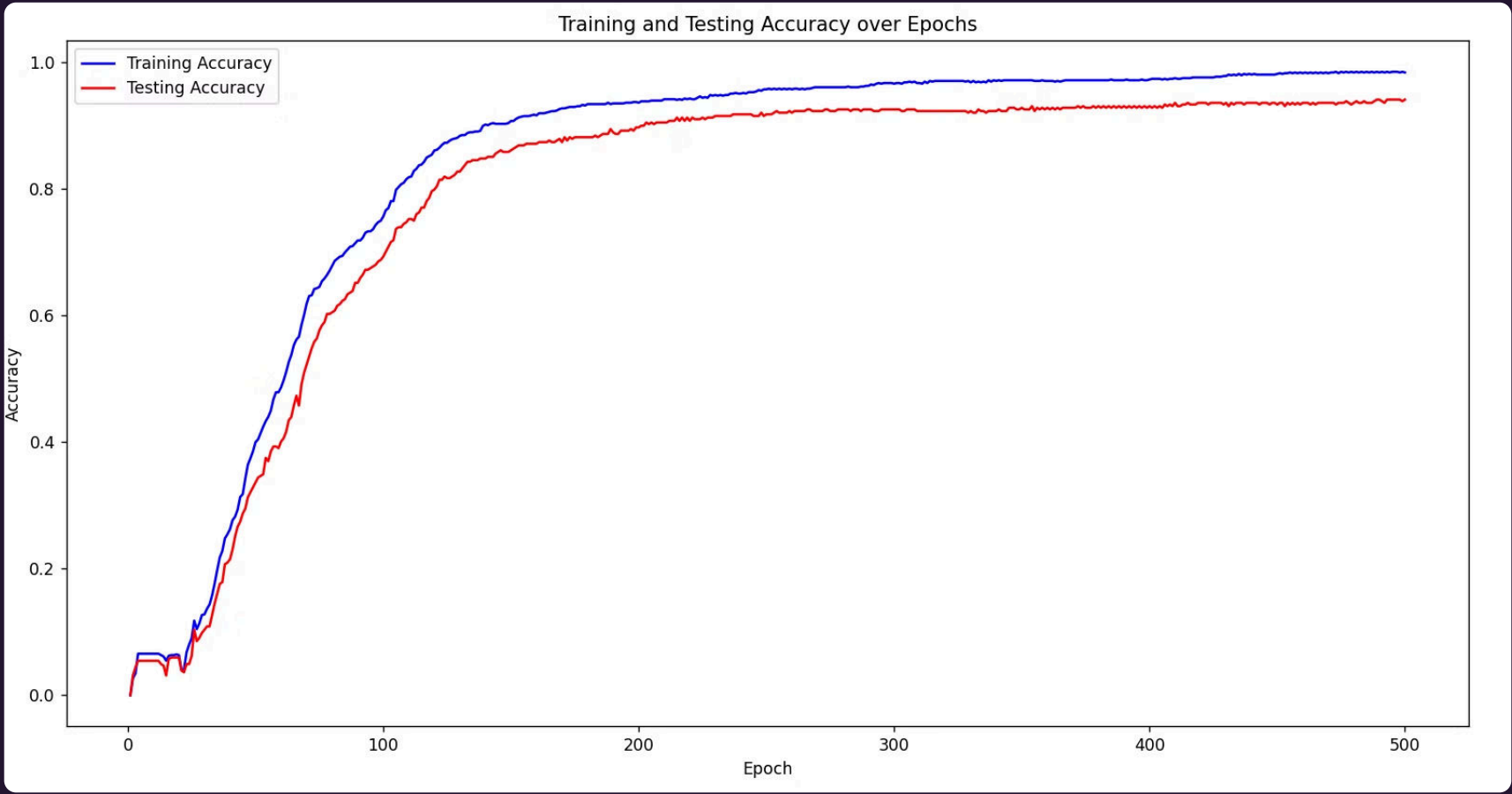
Sample Outcome

```
Transcribed text: I am suffering from disease diarrhoea and I am of Age 4 and my gender is male and the severity is zero
Parsed Sentence: ['I', 'am', 'suffering', 'from', 'disease', 'diarrhoea', 'and', 'I', 'am', 'of', 'Age', '4', 'and', 'my', 'gender', 'is', 'male', 'and', 'the',
 'severity', 'is', 'zero']
Press 'Y' to find the drug requried Y
C:\Users\hp\AppData\Local\Programs\Python\Python310\lib\site-packages\sklearn\base.py:493: UserWarning: X does not have valid feature names, but RandomForestCla
ssifier was fitted with feature names
  warnings.warn(
Predicted Drug: promegranate drink
```

Results & Accuracy



Results & Accuracy



Conclusion & Future Scope

Expanded Data Integration	NutriMed plans to integrate even more diverse data sources, including wearable devices and environmental factors, to further enhance its predictive capabilities.
AI Advancements	Ongoing research and development in AI and machine learning will enable NutriMed to provide even more sophisticated and accurate medication recommendations.