

Xây dựng mô hình Machine Learning dự báo cháy rừng ở các tỉnh Tây Nguyên dựa vào dữ liệu lịch sử thời tiết.

Nguyễn Đại Kỳ
19521731

Văn Viết Hiếu Anh
19521225

Lê Văn Phước
19522054

Ngày 12 tháng 7 năm 2021

Môn học: CS114 - Máy học
Giảng viên hướng dẫn: Lê Đình Duy
Phạm Nguyễn Trường An

Mục lục

1	Abstract	2
2	Introduction	2
3	Dataset	2
3.1	Source of Data	2
3.1.1	Weather Data	2
3.1.2	Fire Data	2
3.2	Imputation of Data	2
3.3	Creation of Dataset	2
4	Methods	2
4.1	Convolutional neural network	2
4.2	Fully-connected neural network	2
5	Conclusion	2

1 Abstract

To build a model that can forecasting the warning level of wildfire for each inividual place in Western Highlands, Vietnam.

Problem The relationship between the relative quantities of substances taking part in a reaction or forming a compound, typically a ratio of whole integers.

Purpose The mass of an atom of a chemical element expressed in atomic mass units. It is approximately equivalent to the number of protons and neutrons in the atom (the mass number) or to the average number allowing for the relative abundances of different isotopes.

Methods The mass of an atom of a chemical element expressed in atomic mass units. It is approximately equivalent to the number of protons and neutrons in the atom (the mass number) or to the average number allowing for the relative abundances of different isotopes.

Result The mass of an atom of a chemical element expressed in atomic mass units. It is approximately equivalent to the number of protons and neutrons in the atom (the mass number) or to the average number allowing for the relative abundances of different isotopes.

2 Introduction

To build a model that can forecasting the [1] warning level of wildfire for each inividual place in Western Highlands, Vietnam

3 Dataset

3.1 Source of Data

3.1.1 Weather Data

weather.com

worldweatheronline.com

3.1.2 Fire Data

firewatchvn.kiemplam.org.vn

3.2 Imputation of Data

3.3 Creation of Dataset

4 Methods

4.1 Convolutional neural network

4.2 Fully-connected neural network

5 Conclusion

Tài liệu

[1] Fermentas Inc. Phage lambda: description & restriction map, November 2008.