SPECIFIC TO GENERAL MODEL IN MACHINE LEARNING

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ABSTRACT:

I am here giving a concept in machine learning where we take existing data(specific) and an operation is performed on it and from which a general model is constructed,so in this way we have constructed a general model from specific data,and like this other data/other datas can be used in this general model to get required result.

INTRODUCTION:

Machine learning is one where model is created using algorithm created by taking use of existing data/datas,then to model our other input/inputs is given and our required output is got.

I am here giving a concept in machine learning where we take existing data and from which a general model is constructed,so in this way we have constructed a general model from specific data,and like this data,other datas can be used in this general model to get required result.

METHODOLOGY:

This is the algorithm in which following steps occur:
step 1:Here a data /datas are taken.
Step 2:an operation is done on it.
step 3:Generalize model is created from it.
step 4:This model is used for required use.

For example:

We have taken data 2 and 3,we have to add these and used for adding purpose other datas using the generalized model derived from this.

Then we create a generalized model for it as follows

Sum=number1+number2;

Here specific datas are 2 and 3,we have added them as

2+3=5

From this we have created a general model for adding any interger numbers' addition. I.e

Sum=number1+number2;

we can create a program also as generalized model to add any two input numbers by user.Then we take datatypes of numbers as int(integer) as integer set contains 0,and all positive and negative numbers.

C PROGRAM TO ADD ANY TWO NUMBERS:(GENERAL MODEL TO ADD ANY TWO NUMBERS).

```c
#include <stdio.h>
int main() {

    int number1, number2, sum;

    printf("Enter two integers: ");
    scanf("%d %d", &number1, &number2);

    // calculate the sum
    sum = number1 + number2;

    printf("%d + %d = %d", number1, number2, sum);
    return 0;
}
```

OUTPUT:

```
Enter two integers: 12

11

12 + 11 = 23
```

Then this model is used to adding all other given numbers also. like this we have done from specific to generalized model.

Note:Here specific datas are 2 and 3,using addition we are adding them to get 5.And from this general addition model is derived/made I.e

Sum=number1+number2.

CONCLUSION:

From this model we leaned that taking any specific data,a general model can be built to perform any operation on it and all similar datas can be used and solved and can be got result.

REVIEW OF RELATED STUDIES:

This model I have introduced in the field of machine learning.

RECOMMENDATIONS:

So using this model,on specific data any operation can be performed and general model for it can be made and other similar datas but on them same operation can be done to get perfect result.

I have taken addition here,but other all operations on specific data/datas can be performed and for that operation a general model can be made.

This can be applied in other fields also.

BIBLIOGRAPHY:

Machine learning text book by Tom Mitchell reffered.