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Artificial Intelligece and Machine Learning In Bangladesh Perspective

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Greatest Scientific Innovation of the Century

1 Introduction

Lets begin with a formula $e^{i\pi} + 1$. This $\ln e^x$. Computer vision is a field of artificial intelligence (AI) that uses machine learning and neural networks to teach computers and systems to derive meaningful information from digital images, videos and other visual inputs—and to make recommendations or take actions when they see defects or issues.

1.1 Graphical Abstract

1.2 Keywords

Artificial Intelligence, Machine Learning [1], Deep Learning, Neural Networks,

2 Methodology

This is the final project of my thesis project. So, I will be the first person will be the first person in this kind of complex project. hello

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Worlds best programmer

Avijit Chowdhury

Avijit Chowdhury

5 Qualities of a student

- Confidence
- Hardworking
- Punctuality

1. Confidence
2. Hardworking
3. Punctuality
4. Confidence
5. Hardworking

1. Bangladesh
   (a) Prakash
   (b) Avijit
   (c) Rony
2. India
3. Pakistan
4. Sri Lanka

a) Bangladesh b) India c) Pakistan

3 Country

i Bangladesh
ii Bangladesh
iii India
iv Pakistan

4 hyperlink and url

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Youtube

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Figure 1: This is the vision of the project

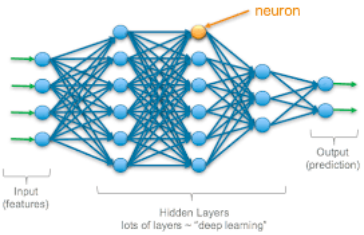
6 About computer vision

Computer vision is a field of artificial intelligence that trains computers to interpret and understand the visual world. Using digital images from cameras and videos and deep learning models, machines can accurately identify and classify objects and then react to what they "see." Computer vision technology is used in a variety of applications, including medical diagnosis, autonomous vehicles, and industrial quality control. We can refer to the fig 1 for the vision of the project.

7 Deep Learning

Deep learning is a subset of machine learning that uses artificial neural networks to model and solve complex problems. [2] It is called "deep" learning because it uses multiple layers of artificial neural networks to represent and learn data. Deep learning models can achieve state-of-the-art accuracy in tasks such as image recognition,

(a) Computer Vision



(b) Deep Learning

Figure 2: Computer Vision and Deep Learning

speech recognition, and natural language processing. We can refer to the fig. 2b for the deep learning of the project.

8 Results

Model	Accuracy	Precision
AlexNet	96	95%
ResNet50	97	98%

Table 1: Performance of the deep learnig models

9 Mathematical Expressions

Mathematical Expressions for the deep learning 1 and 2 and 3 and 4 are given below.

$$e^{i\pi} + 1 = 0 \tag{1}$$

$$\ln e^x = x \tag{2}$$

$$\frac{1}{2} \times 5 = 2.5 \tag{3}$$

$$\lim_{a \to 7} f(a) \tag{4}$$

$$\int_0^\infty \frac{\sin x}{\tan x^2} dx_2 \tag{5}$$

$$\begin{aligned} a &= b + c \\ c &= d + e \\ e &= f + g \end{aligned}$$

$$\begin{aligned} a &= b + c \\ c &= d + e \\ e &= f + g \\ \alpha &= 30 \\ \beta &= 45 \\ \gamma &= 60 \\ \delta &= 90 \end{aligned} \tag{6}$$

$$\begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix} \tag{7}$$

10 Discussion

11 Conclusion

12 Acknowledgement

References

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