

Review Form 1.6

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_77267
Title of the Manuscript:	Polytechnic Student's Academic Performance Prediction Based on Deep Neural Network
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	Nothing	
Minor REVISION comments	<p>(1) On page 5, the role of "validation dataset" is not explained in Figure 3.1. If "validation dataset" is used for "Student Performance Prediction", it should be added.</p> <p>(2) On page 6, the value "b" is not described in Equation (3.1) and Equation (3.2).</p> <p>(3) On page 8, the horizontal axis should be separated at nice round numbers in Figure 4.2(a).</p> <p>(4) On page 9, in the sentence of "Here, the regression is plotted across all samples, and all R-value is (0.906446).", "all R-value" should be replaced with "R-value".</p> <p>(5) On page 10, Figure 4.3 is not easy to perceive. This figure should be replaced a figure which looks like Figure 4.2(b).</p>	
Optional/General comments	<p>Some sentences of this paper are difficult to understand. I strongly recommend that this manuscript should be reviewed by an expert of English. Examples:</p> <p>(1) On page 2, I do not understand the meaning of the sentence: "That predictive model is then used on present data to predict what will happen next actions to take for optimal outcomes." It could be: "That predictive model is then used on present data to know what actions should be taken for optimal outcomes."</p> <p>(2) On page 3, "The limitation of their work, amount of data that has been used for their work is not mentioned here." could be replaced with "The limitation of their work is that amount of data used for their work is not mentioned here."</p> <p>(3) On page 6, I do not understand the sentence: "The output of each layer passing through an activation function to propagate the output of the layer which passing through the next node to propagate the annual output of the deep neural network. "</p> <p>(4) On page 10, "we have seen that the student marks that our proposed model predicts which is nearly target marks in all points." could be replaced with "we have seen that the student marks that our proposed model predicts are close to the observed marks in all points."</p> <p>(5) On page 10, "our proposed model predicts the student marks which almost closeness the target marks" could be replaced with "our proposed model gives the student marks which are close to the observed marks"</p>	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

<http://sciencedomain.org/archives/20>

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