



# AIUB DSpace Publication Details

Title	Predicting the Demand of Prescribed Medicines in Bangladesh using Artificial Intelligent (AI) based Long Short-Term Memory (LSTM) Model
Author(s) Name	Muhtasim Hafiz, Md Sabbir Ibne Sazzad, Khalid Ibne Hasan, Jamil Hasnat, Mahbub C Mishu
Contact Email(s)	<a href="mailto:mahbub@aiub.edu">mahbub@aiub.edu</a>
Published Journal Name	ICCA 2020: Proceedings of the International Conference on Computing Advancements
Type of Publication	Conference
Volume	_____ Issue _____
Publisher	American International University-Bangladesh (AIUB)
Publication Date	Jan 10-12, 2020
ISBN	978-1-4503-7778-2
DOI	<a href="https://doi.org/10.1145/3377049.3377056">https://doi.org/10.1145/3377049.3377056</a>
URL	<a href="https://dl.acm.org/doi/abs/10.1145/3377049.3377056#d60049080e1">https://dl.acm.org/doi/abs/10.1145/3377049.3377056#d60049080e1</a>
Other Related Info.	Page 1 - 5





# AIUB DSpace Publication Details

## Abstract

Health services are one of the necessities for a human being. Good quality and timely health services are essential for proper health conditions of human requirement. Distribution of health care facilities and services are imperative in any nation thus anticipating demand and taking pre-emptive decision to adjust the supply for the future is essential. A responsive and synchronised flow of the products is necessary. The aim of this paper is to present the forecasting model and predicted medicine demand in all district of Bangladesh.

