



NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES

(KARACHI CAMPUS)

**FAST School of Computing
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Course Instructor: Mr. Basit Jasani

Project Name: Product Title Classification

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The basic understanding of our project:

The project titled “Bagging Model for Product Title Quality with Noise” aims to enhance the quality of online product titles. Over the years, the availability and utilization of computers in educational institutions has significantly increased. These powerful machines serve various purposes, including administration, instructional delivery (through exercises, tutorials, and simulations), and problem-solving. However, despite their widespread adoption, there remains a lack of research on the effectiveness of computer-assisted instruction compared to traditional classroom methods. This study seeks to address this gap by specifically examining the effectiveness of computer-assisted instruction in a class setting. By addressing noisy titles, this project contributes to better search results, user understanding, and overall satisfaction during online shopping. The research focuses on data processing, model development, and evaluation to achieve these objectives. Ultimately, it seeks to optimize product titles for efficient communication and improved user engagement.