

Informatics Institute of Technology  
In collaboration with  
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## **SALORE**

**A salon recommendation system based on text extraction, multi-label classification and aspect-based sentiment analysis**

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## **Abstract**

It is a challenging task to choose a salon that satisfies the various service needs of a customer. A single salon might not be able to provide all services equally well thereby not allowing the customer to get the best experience for the service they require. Review sites such as Yelp includes reviews about multiple salons. Users have to read each review to get an idea about the quality of the services provided by various salons. As a solution to solve the issue of finding the best salon for a specified service Salore is proposed. Salore is a salon recommendation system which will use concepts like feature extraction, multi label classification, aspect-based sentiment analysis and ranking to recommend the best salon for the user's required service by analysing reviews by customers.

### **Subject descriptors:**

Artificial intelligence

    Natural language processing

        Lexical semantics

Machine learning

    Learning paradigms

        Supervised learning

            Supervised learning by classification

### **Keywords:**

Natural language processing

Multi-label classification

Aspect based sentiment analysis

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