



**Tariq El Yassouri**  
**Senior Digital Marketing Manager**  
M + 61 401817390  
E [tariq@ubertas.com.au](mailto:tariq@ubertas.com.au)  
Ubertas Group  
Suite 836, Level 8, 1 Queens Road  
Melbourne 3004, VIC Australia

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## AI Based Recommendation system and Chat Bot Proposal

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### Company Overview

Bird's Basement presents Music shows. The program includes artists across a range of jazz styles, as well as soul, funk, R&B, rock, blues, Latin and beyond. Bird's basement have own ticket selling platform.

### Small Project Description

Mainly Project is divided into three phase.

#### Phase 1

At the initial of the project, we understand the dataset and pattern of the data, so this can be ready for predictive analysis and model recommendation. We Build the Content based filtering Recommendation engine to recommend according to the previous historical data and similar item the user purchased before.

#### Phase 2

To build the AI Based Chatbot, we prefer to use sentiment analysis using Natural language processing including NLTK. The realistic Interaction with client data will be more beneficial for this Part. The data should be cleaned and there are number of combinations of questions which will be asked to user and fill the details according the ticket booking process.

#### Phase 3

According to the previous historical data of sales and available features on the data, like sale price, time, peak hour, working days, max. sale day and many more. So, there are possible number of predictive analysis modeling which we can apply using Machine learning techniques. We can predict the max sale day, next month target, max sale month, targeted day for sale and recommendation for marketing strategies as well.

### Project Duration

Approx. 3 Month

### Project Pricing

Approx. \$18k - \$20K

Regards  
Webtunix Team