Live Better : Optimize Your House Search

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Abstract — Tremendous amounts of data related to housing is generated on a daily basis. If analyzed effectively it enables us to answer the fundamental questions about the livability of a particular area. In order to achieve the same, the generated data must be extracted, cleaned, properly structured and then analyzed using various data models. This report focuses on the process of calculating the livability index of houses. This improved technique will mainly benefit home buyers for choosing better homes.

I. INTRODUCTION

Live Better is a tool that helps home buyers decide on which house to buy based on their preferences. The application provides options for the users to rank their preferences and a livability index for the house is then generated based on the user preferences.

II. ARCHITECTURE

There are 2 major components: Machine Learning Model and User Interface for the application.