TOURIST BEHAVIOUR ANALYSIS

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Introduction

Our topic for project is tourist behaviour analysis on time variant data using data extraction techniques, image and text processing from social media.

Problem Statement

This project is to analyse tourists behaviour based on the locations and places they have visited so far, to identify tourist interests,tourism demographics and to plan future tourism demands. It supports strategic decision-making in tourism destination management.

Literature Review

- After studying a few papers, we realised that major research has been done on tourist recommendation systems rather than tourist behaviour analysis.
10.1109/ICASSP.2010.5495905
10.1109/PerComW.2013.6529508
- Also, research done on tourist behaviour analysis includes more information regarding the tourist attraction than the tourists themselves.
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New aspects and goals

1. Make use of geotagged images on social media for data extraction.
2. Structure the tourist demographic data for all the locations in the vicinity.