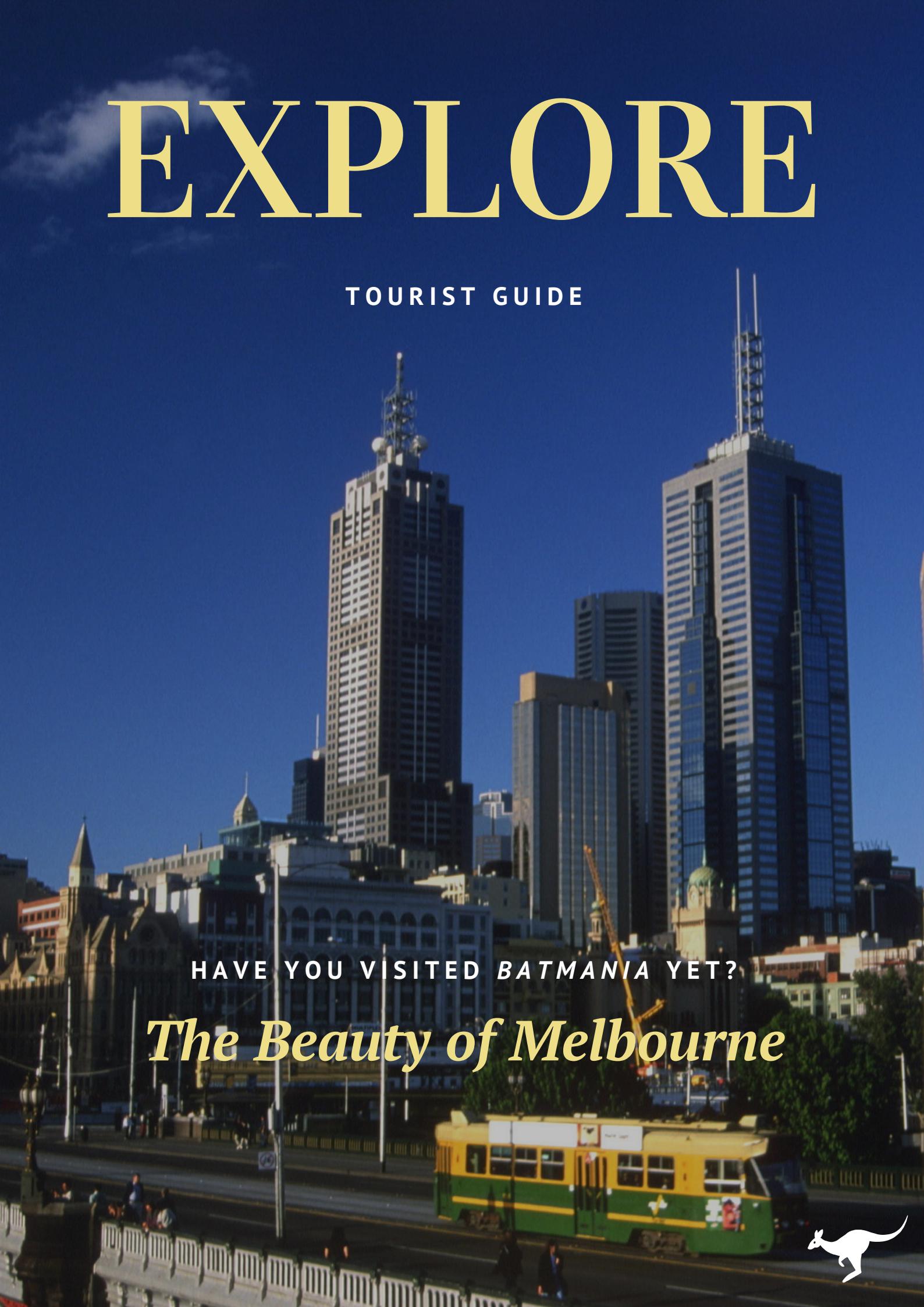


EXPLORE

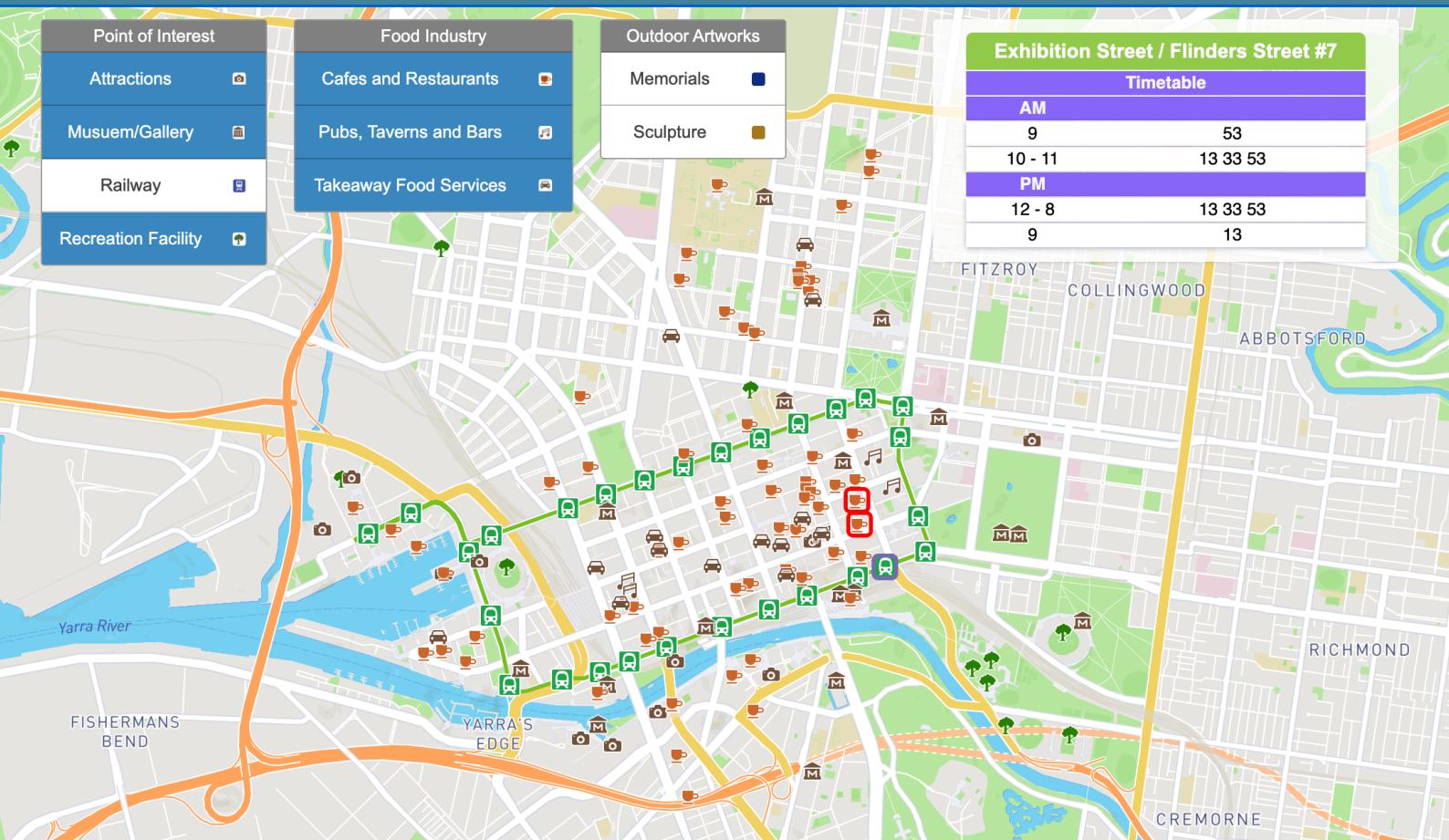
TOURIST GUIDE



HAVE YOU VISITED BATMANIA YET?

The Beauty of Melbourne





Get to Know Melbourne

AKA BATMANIA

Melbourne is the coastal capital of the southeastern Australian state of Victoria. At the city's centre is the modern Federation Square development, with plazas, bars, and restaurants by the Yarra River. In the Southbank area, the Melbourne Arts Precinct is the site of Arts Centre Melbourne – a performing arts complex – and the National Gallery of Victoria, with Australian and indigenous art.

Hello Tourist, confused about where to go in Melbourne? Which places are the best? Explore this tourist guide and all your questions will be answered. The map shows various tourist spots across the City of Melbourne along with the tourist (city circle) tram route. For example, as shown in the map above, Museum / Gallery, Attractions, Recreation facilities, and Cafes / Restaurants are selected from the options available and they are highlighted on the map.

From the image above, the attraction points are shown with this icon. , and represent the cafes, the Museums, and the Recreational Facilities respectively on the map. Further, clicking on a tram stop highlights the nearest cafes to that particular location with a red color box around the cafe icon. Clicking the any tram stop also shows the timetable of that city circle tram for that selected tram stop.





SENARIO :

Suppose a tourist is interested in exploring the sculptures. The tourist would select the sculpture option from the criteria outdoor artworks. The map will display different places with sculptures. After noticing that East Melbourne has maximum artworks the tourist may decide to visit it. For traveling to this part of Melbourne, the tourist would check for the nearby tram stop and after clicking on the tram stop the tram timetable would display. This helps the tourist to travel efficiently. Further clicking on the tram stop the tourist can also check the nearby cafes without needing to physically go and hunt of cafes and restaurants.

Sightseeing in Melbourne

One of the most famous and breathtaking locations to visit are the most famous artworks in the entire city and the cafes around it. Although this design is completely based on the dataset we chose, the design overall is very informative.

GET TO KNOW MELBOURNE DATASET

There are four datasets used in this project namely, POI, tram stops, artworks, and cafes.

Artworks: This dataset consists of Memorials and sculptures.

POI: This dataset includes information about different Points of Interest namely, Attraction, Museum/Gallery, Railway, and Recreation facility.

Tram stops: This gives details about the different tram stops along with the timetable for the city circle tram (Number 35).

Cafes: This dataset consists of the different nearby cafes to the tram stops.

SIGHTSEEING: EXPLORING WITH OUR WEBSITE

It is very easy to use the website to explore amusing places in Melbourne. The website not only covers the amazing places to visit but also covers the travel guide and places to have delicious food.

1. Choose the criteria: Decide on whether you want to visit different Point of Interest places or Outdoor artworks. Select the appropriate options from the menus available.
2. Places displayed: The map displays the different interesting places to visit in the chosen criteria.
3. Tram Stop: Select the nearby tram stop to the place of interest. This will also display the tram timetable.
4. Cafes: Selecting the tram stop also highlights the nearby eateries available to visit. These eateries are further classified based on cafes, and restaurants, pubs and takeaway food services.



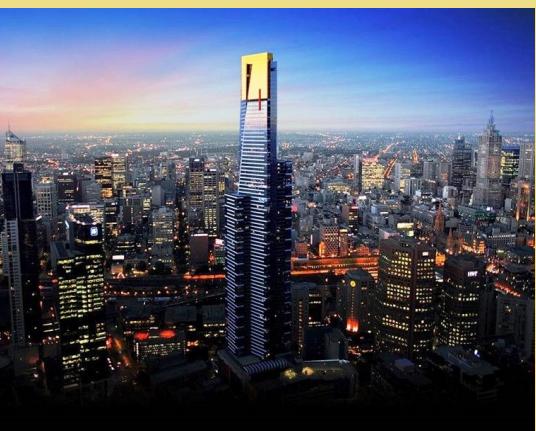
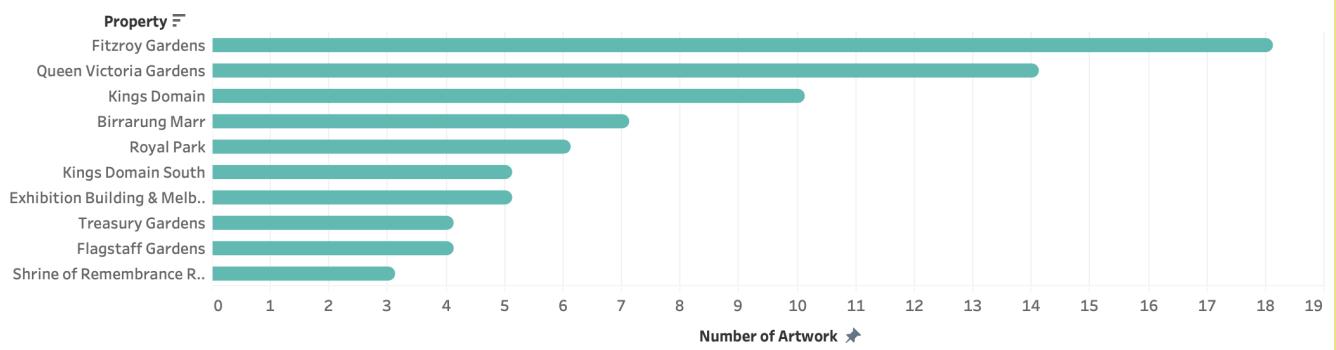
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The Beauty of East Melbourne



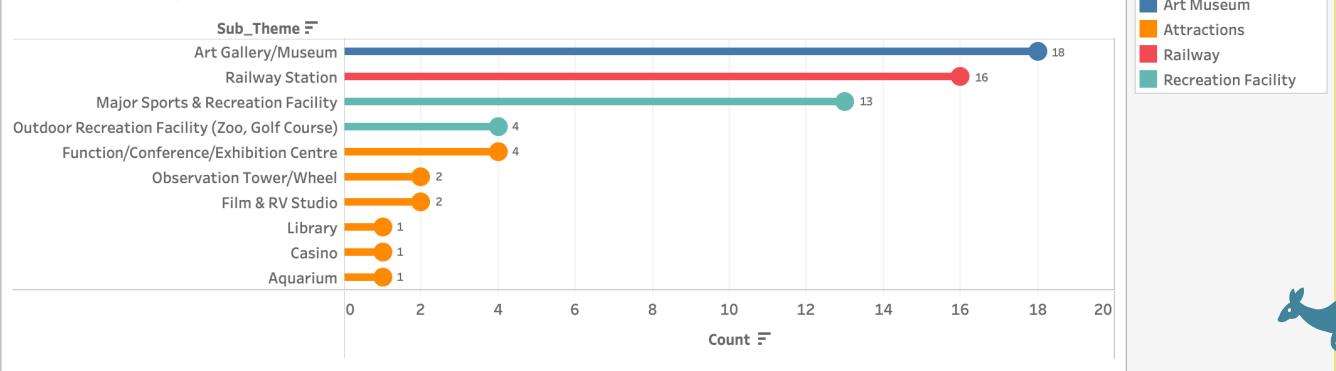
After conducting our analysis on Tableau, we understand that Fitzroy garden has the maximum number of artworks followed by Queen Victoria Gardens. From the rounded bar graph we know that there are approximately 18 artworks in Fitzroy garden alone. However, Queen Victoria Garden, Kings Domain, Royal Park, and Kings Domain South, are located right next to each other and the number of artworks cumulatively is 35. This region is also known as East Melbourne. Hence when a tourist is visiting this section of the city, they might need to spend an entire day or two to cover all the artworks.

Number of artworks in different properties



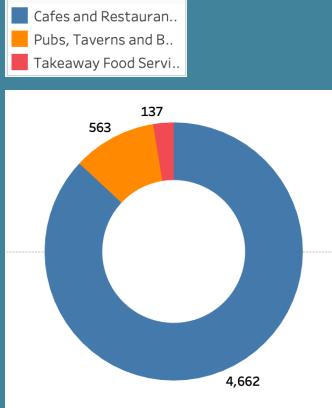
We further analyze with lollipop chart the different types of Point of Interests classifying based on the themes and the sub-theme. We observe that Melbourne has a maximum number of Art Museums and Attractions. The Attractions consist of Exhibition Centres, Observation Tower, Studios, Library, Aquarium, and Casino. There are around 17 Recreation facilities namely, Sports and Zoos. If a tourist is visiting East Melbourne they can find 4 Museum/Art galleries and 5 Recreation facilities.

Count of the types of POI





Number of seats in different types of restaurants



From travelling to a different point of Interests of East Melbourne a tourist might want to eat some good food and regain their energy. For doing so the tourist has to visit back to the city centre to one of the nearby tram stops to catch up on the amazing food of Melbourne. According to our analysis, the tram stop with a maximum number of cafes is Tram Stop Number 7 which is near the Fitzroy Garden. The tram numbers near East Melbourne are 35, 28, 1 and 2, there are approximately 16 different cafes, pubs and takeaways. The seating arrangements in these eateries are high as well according to the donut chart. So this denotes that the tourist will definitely find a spot for themselves to just relax and eat.

Number of cafes around different tram numbers



Come visit Batmania



Please note that the tram numbers here are the tram id and not tram stop number

