



## RTA Freeway Travel Time Prediction

This competition requires participants to predict travel time on Sydney's M4 freeway from past travel time observations.

\$10,000 · 356 teams · 7 years ago

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### Overview

#### Description

#### Rules

Forecasting travel times helps improve road safety and efficiency. Accurate predictions help commuters make informed decisions about when to travel and on what routes. This helps to lower intensity on problem arterials by encouraging motorists to use underutilised parts of the grid, and where possible, by having them select alternative times and modes of travel.

This competition requires participants to predict travel time on Sydney's M4 freeway from past travel time observations. In addition to better informing network managers and Australian motorists, insights from the competition will improve the general efficiency of the road transport system in Sydney and increase functionality on the government's [live traffic website](#).

Participants in this competition are required to forecast the travel time on the M4 freeway for 15 mins, 30 mins, 45 mins, one hour, 90mins, two hours, six hours, 12 hours, 18 hours and 24 hours ahead. The NSW Roads and Traffic Authority has made 2 years' worth of historical data on road use between 2008 and 2010 available for this competition.

\$10,000 is being offered for the winning model.

The competition is being hosted by Australia's NSW Roads and Traffic Authority and is being sponsored by the NSW Department of Premier and Cabinet.

Map of the M4 freeway

[Leaderboard](#)[40 discussion topics](#)[Solution](#)

1 Team Irazu

2 Mooma

3 SuperCow

4 zkolter

5 Apache

6 Hipoteza

7 Paco

8 Ghalib

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356

Teams

378

Competitors

Points **This competition awarded standard [ranking points](#)**

Tiers **This competition counted towards [tiers](#)**

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