📘 Tube twin (passenger count forecasting/general Tube analysis)

🕑 Last Updated Time	@August 18, 2022 11:11 AM
👤 Last Updated By	👩 Zintle Faltein-Maqubela
⊙ Status	Assigned
👥 Project Mentor	👩 Elizabeth Stanley 👩 Zintle Faltein-Maqubela
👥 Project Team	
☑ Ready for review	✅
⊙ Estimation - Effort	4
⊙ Estimation - Cost	1 🔻
⊙ Estimation - Skills	4
⊙ Estimation - Impact	3
Σ Category	Big Project
Σ Effort Category	High
Σ Impact Category	High
Σ Priority Score	5
☑ Review finalised	✅
Σ Review Status	Review Complete
# No. teams required	2

> 💡 This document should hold the minimum set of information needed to assign a project team to work on the project. Once the team is assigned, they must manage the project at a lower level of detail at a task level to achieve the overall objectives of this project. This is not meant to serve as the project backlog, but rather an overarching view of R&D projects.

Parent Idea

> *Provide a link to the parent idea for this R&D project.*

- 🗒️ <u>Towards a Tube Twin</u>

Dependencies

> *Provide links to R&D projects that are linked to this work.*

Must be completed before

- None

Can be completed in parallel

- None

Can be completed after

- To be determined

Project Description

> *Provide a clear description of the project in as much detail as necessary.*

- The London Underground (aka "The Tube") is a network of train stations which connects the city. In this project, teams will create a digital representation of the

Tube, analyse historic passenger count data and develop a passenger count forecasting model.

Deliverables

> *Provide a detailed list of all deliverables expected for this project. Ultimately the tasks that are planned for this project by the project team will be derived from this so be as clear and specific as possible.*

- As a minimum
  - A graph representation of the Tube
  - Forecast of passenger counts at each station
  - A study investigating the impact of significant events on traffic
  - Please see the linked parent idea for more information regarding what could be possible with this data
- A 2-page white paper on the project
- Follow up recommendations for the next phase of the project

Contextual information

> *Provide whatever other information is available that can help contextualise the project scope and deliverables to the project team.*

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