DATA NERDS

Our Progress	Our Challenges	Our Plan
- Main topic: Engineering Related (Electrical & Civil) - Held consistent meetings, created communication means, and docs	- Agreeing on a specific díscipline - Narrowing Down on a topic - Having a fixed workflow and maintaining logs in Github	- Collect more research material, and make use of our experiences

Group 10: Constraints	Questions	Domains
- Our Availability - Time - Limited Data and difficulty of collecting data regarding engineering problems - Data accountability	- How often should we do Maintenance for power generators. - Construction Project Delays Due to Machines/Equipments? - Service life of materials and products? - Minimising Cost & time in Construction Projects? - Optimizing transportation, means or routes - Renewable Energy in Construction? - Can we predict urban traffic congestion using traffic and weather data? - Can a data driven models predict engineering students' academic performance? - Comparing Construction metrics between two the Middle East & Africa, in terms of Energy, Cost, & Time - Supply chain optimization in terms of supply routes & Transportation costs - Can predictive maintenance models detect equipment failure in the industry? - Optimizing energy Usage on construction sites using renewable energy.	- Electrical engineering - Generators industry - Civil Engineering/Construction - Supply Chain & Procurement