## # Data Engineer Interview Test

Wisr is looking for a high quality data engineer which can deliver comprehensive solutions for our continuity and business growth.

You can be part of an amazing team which deals with data all the time using different processes, tools and technologies.

Following is a little challenge for those keen on joining this amazing company and team.

## # The Project

Build a small ETL process to ingest a few set of files into a data warehouse like project.

We are expecting an end-to-end ETL solution to deliver a simple star schema which an end user can easily slice and dice the data through a report or using basic ad-hoc queries.

## ### Tools and Technologies

We are a Python and SQL workshop, we would like to see this project using just those tools.

However, we are open to other tools and technologies if we are able to easily replicate on our side.

For the database, use a simple and light engine like SQLite, MySQL or Postgres. If you have to use a licensed product, please choose MS SQL as we only use this at Wisr.

How to do it?	

## #### Instructions

- \* There are two sections
  - 1. ETL Exercise
  - 2. Data Reporting Exercise
- \* Complete as many steps as you can in each sections, with the best of your efforts
- \* Please include step by step instructions to run the code OR ideally build your solution using Jupyter Notebook
- \* Use the best practices in your Coding Style
- \* Be able to explain from the ground up the whole process in face to face interview

