

7 Layer Solutions



Student Competition

What is the prize?

£250 vouchers

Who is this competition open to?

Open to all undergraduate students.

All fields; art design, computer science, business.

Contact details for further information

Dr Ambikesh Jayal: Email: ajayal@glos.ac.uk

Dr Antin Leszczyszyn Email: Antin.Leszczyszyn@7layer.net

Submission Process and deadline: Email your work in a zip file to following people.

Dr Ambikesh Jayal: Email: ajayal@glos.ac.uk

Dr Antin Leszczyszyn Email: Antin.Leszczyszyn@7layer.net

Submission Deadline: Monday 6 April 2014

Competition

7 Layer requires a GUI (graphical user interface) for a new exciting system.

The system monitors the quality of a car at every milestone in it lifecycle:

- Car has been produced at a factory
- Shipped to car sales court
- Sold to a member of the public
- Service and MOT checks
- Scrapping

It will need a startup page for the factory manager to log in.

7 Layer Solutions

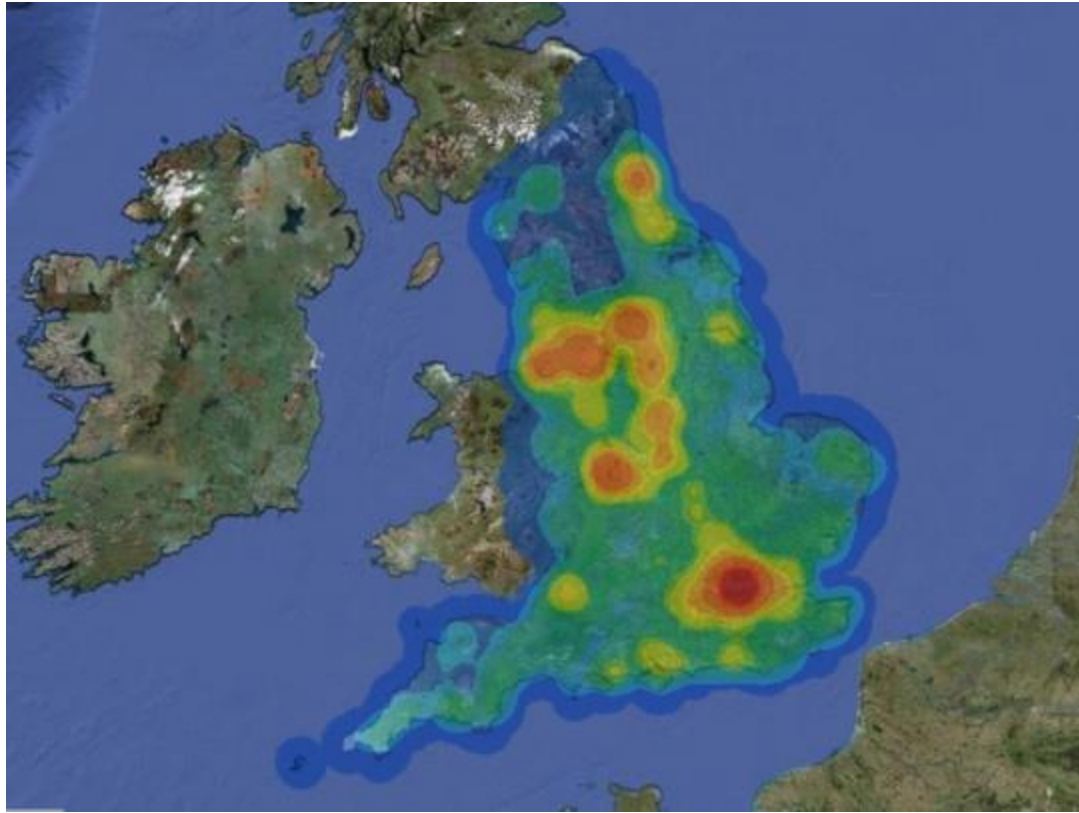
This will take them to a dashboard to select the quality information they would like to check, e.g. seat cover wear, engine, gear box, ... all, and an optional selection of the model they would like to view, e.g. micro 3-door, micro 5-door, 5 door salon, 4x4, all, the date the car was produced/tested 2000, 2001, ... 2014, all, location of production/test. By selecting this and or other features, the system will calculate and display possible visualisations of the results (possible graphs that the user may want to view) but clicking and dragging these graphs they will be displayed on the page. These graphs could be bar charts, histograms, pie charts, line graphs, scatter plots, heat maps. Attached are example plots that may want to be displayed.

The system will run on an internet browser.

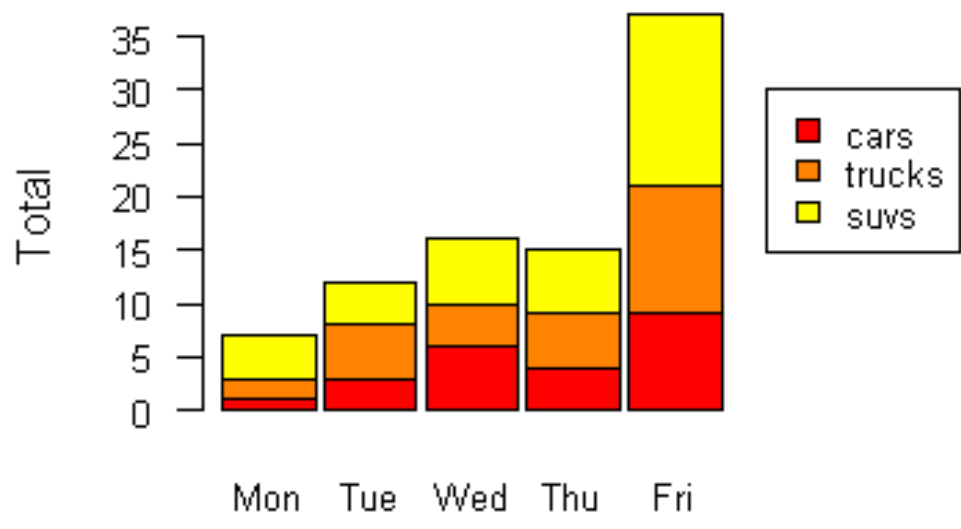
You will need to design the GUI (pencil & paper, photoshop,...), produce a GUI (programmed in your choice language).

Who are 7 Layer?

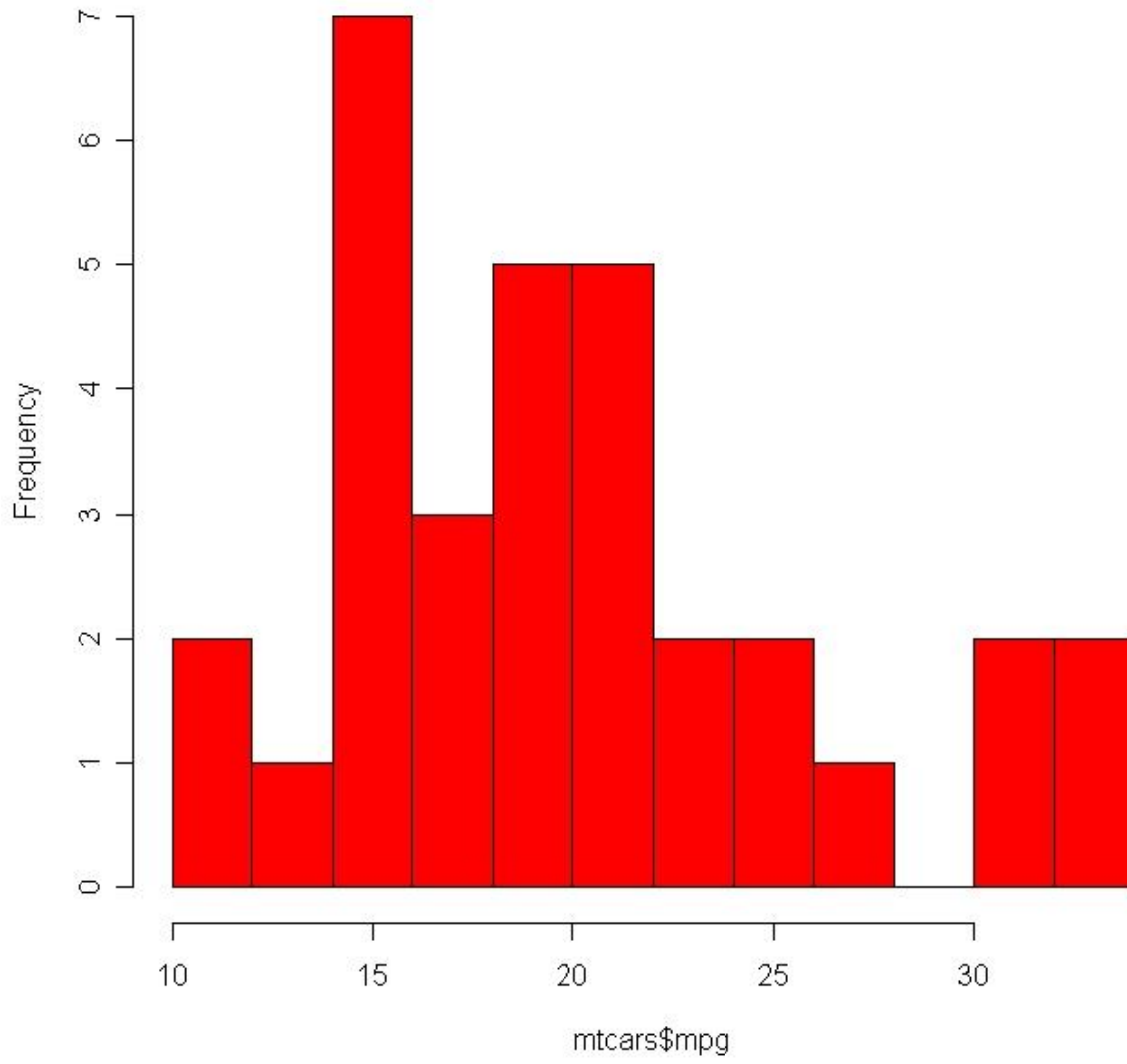
7 Layer Solutions specialises in software application development projects for the cash logistics sector. We employ intelligent people and foster their dedication, enthusiasm and flair. 7 Layer advocates a culture of continuous learning and development.



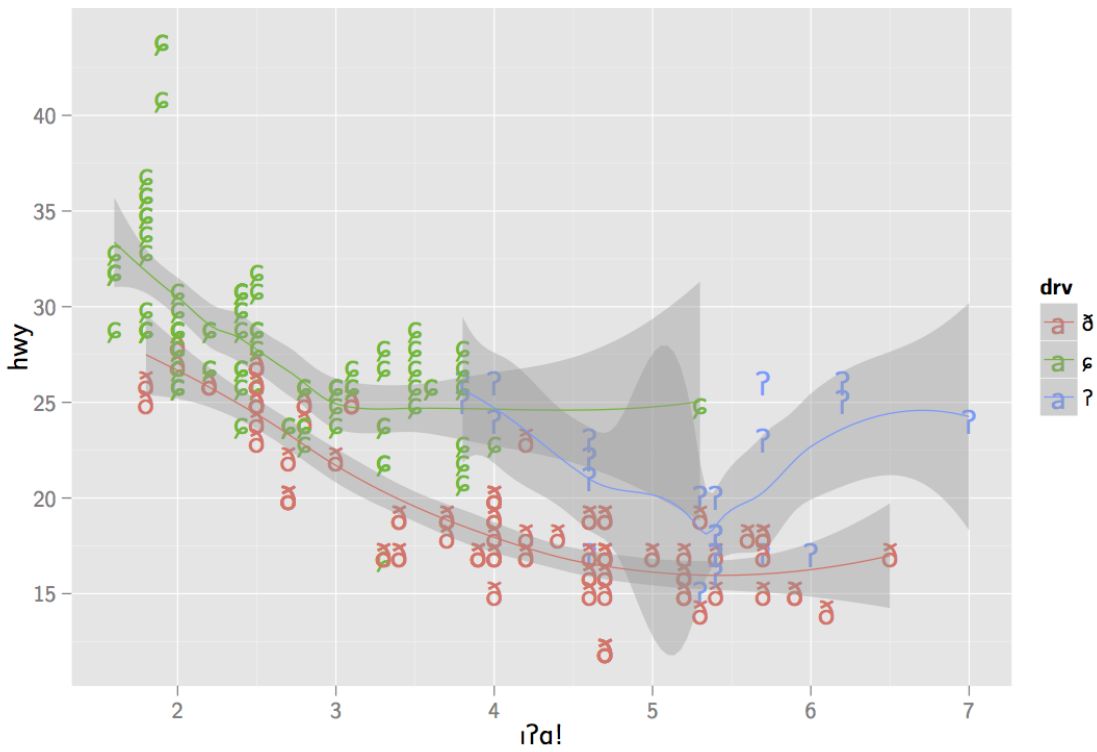
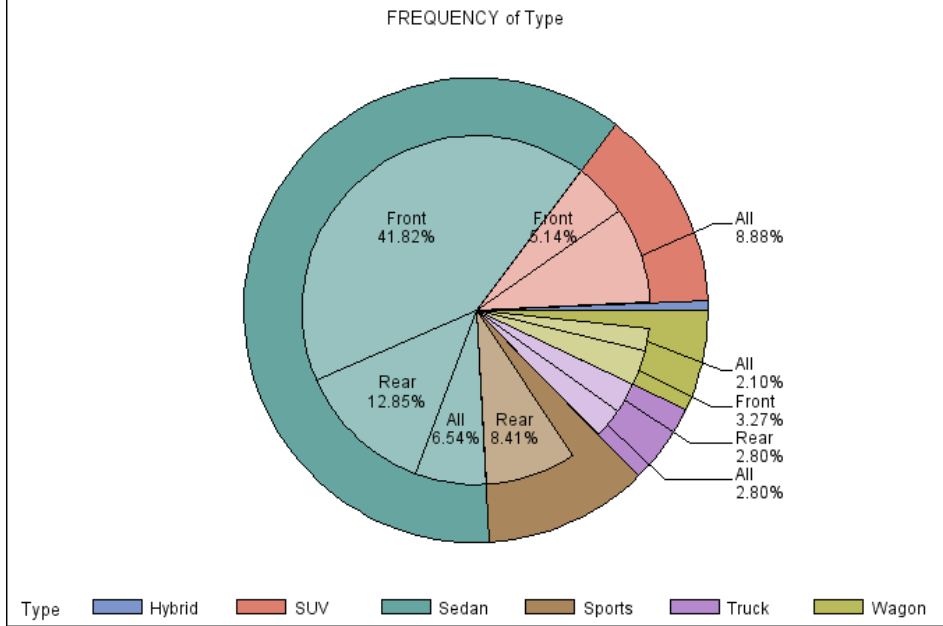
Autos



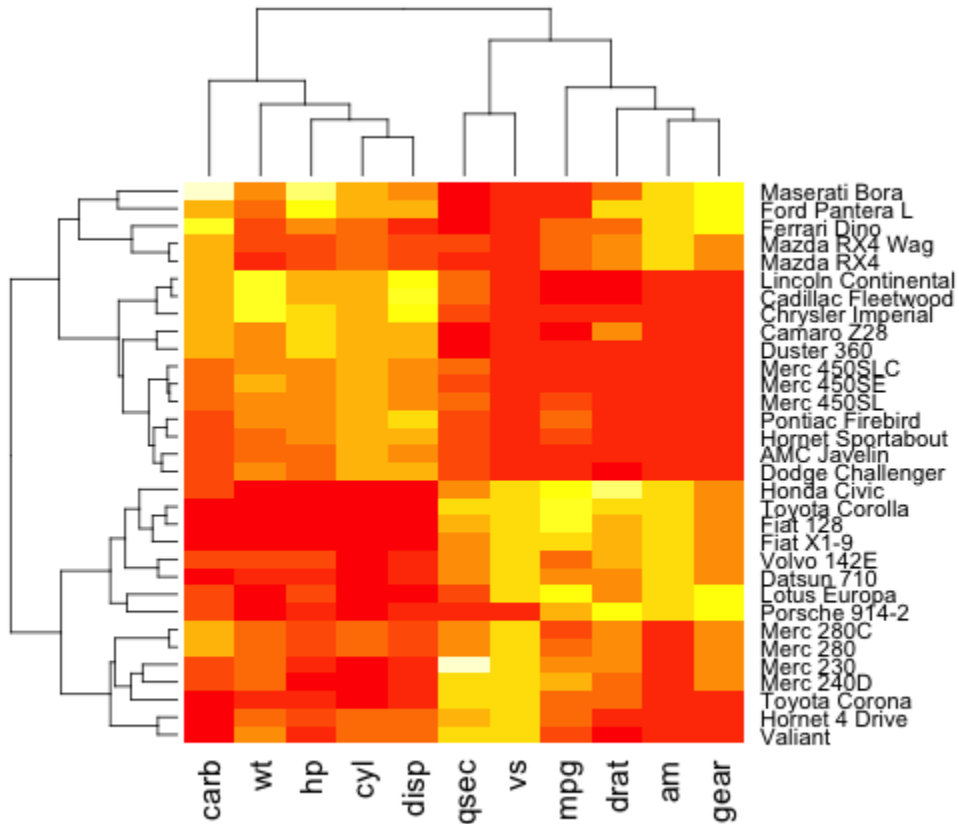
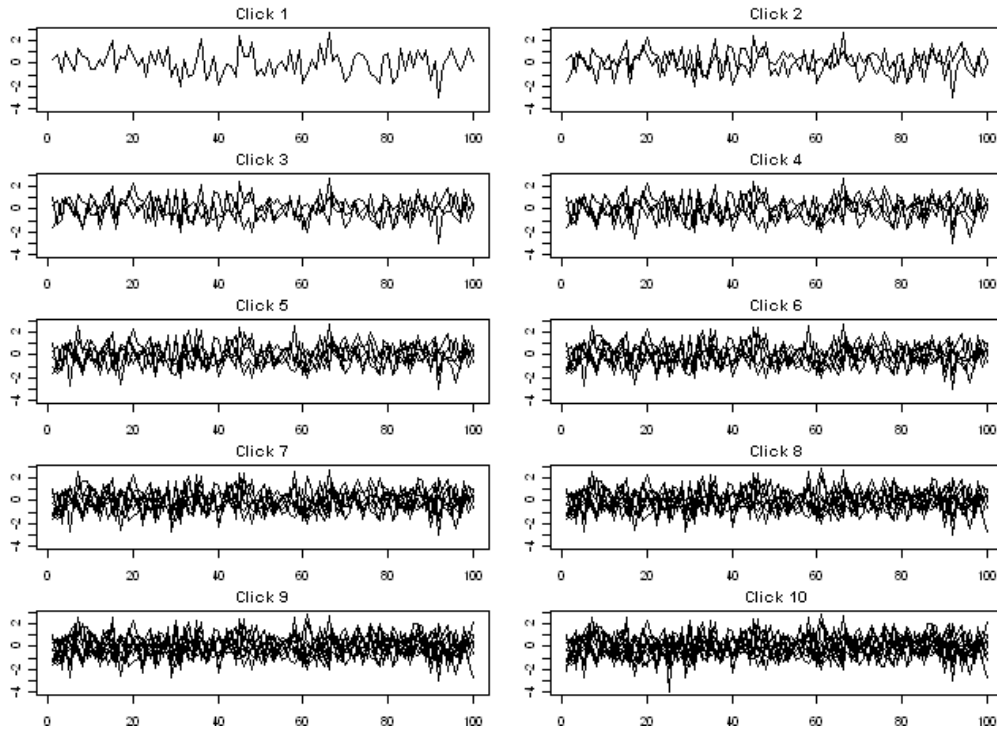
Histogram of mtcars\$mpg



Types of Vehicles Produced Worldwide (Details)



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