

# QGIS TRAINING COURSE

## Analysing and Mapping Spatial Data

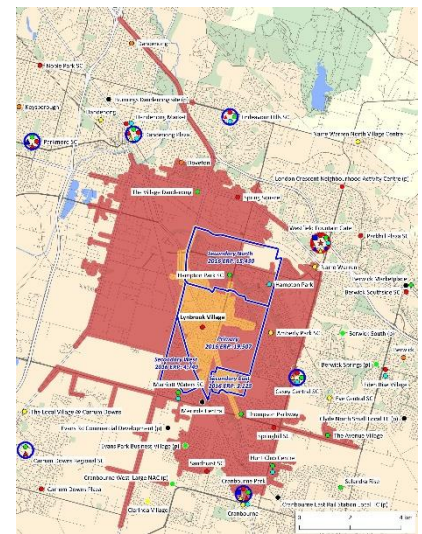
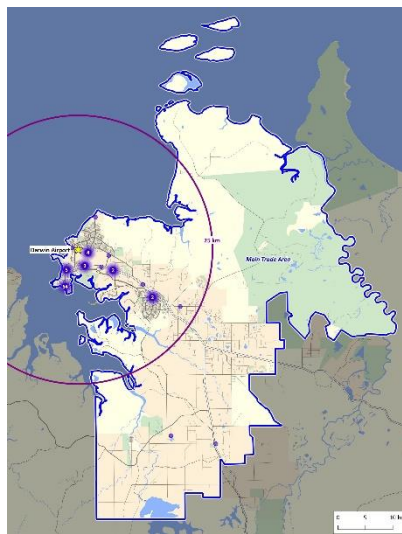
- Open Source
- Easy to use
- Community based
- Practical exercises on real-world examples



## What is QGIS?

QGIS is an open source desktop Geographic Information System (GIS) software designed to capture, store, manipulate, analyse, create, manage, and display all types of geographical data.

Geographic Information Systems are used in a wide range of fields such as urban and town planning, transportation and infrastructure planning, market analysis, disaster risk reduction, public health and many others.



## What are the prerequisites?

This course has been designed for users with little or no experience in QGIS that wish to become competent in the software. No previous experience with GIS software is required.

## What is the content covered by Location IQ's QGIS training?

Location IQ's QGIS training course provides users with an introduction to GIS and QGIS interface; describes how to import, edit, create and display spatial data; how to perform basic spatial data analysis and queries and details the appropriate methods of producing accurate and high-quality maps. In addition, users will also receive insights on sourcing freely available spatial data sets.

The course will include:

- Introduction to GIS
- Map Projections and Coordinate Reference Systems
- The QGIS Interface
- Adding Vector and Raster Data
- Viewing, Sorting and Filtering Layer Attributes
- Applying a Symbology
- Labelling
- Using the Print Layout
- Printing and Exporting Map Outputs
- Installing and Managing QGIS Plugins
- Using Web Services
- Creating Spatial Data
- Adding, Deleting and Editing Attribute Data
- Advanced Styling
- Advanced Labelling
- Joining Data
- Field Statistics
- The Attribute Field Calculator
- Spatial Analysis and Queries
- Creating a Choropleth map
- Creating a Graduated Symbols map
- Creating a Pie Chart map
- Geoprocessing tools
- The DB Manager
- Map Generation using the Atlas Tool
- Possibilities for further automation

## Duration

1-day course (9am - 5pm), 1-hour lunch break (lunch not provided)

## Where will the QGIS Training Course take place?

Currently we are taking bookings for customised QGIS training for individual clients, which can be delivered to a group of up to four delegates at our office in Sydney CBD.

The course content and objectives would be determined prior to training and two of our QGIS trainers would deliver the training on the day to maximise the session to accommodate questions from delegates and to go through relevant examples for your business needs.

*Please note that our group classroom based QGIS training course is currently on hold as a consequence of the Coronavirus pandemic.*

## Cost

\$3,200 excl GST for a one-day course for up to four delegates from the same company.

## Testimonials

*"Location IQ provided us with the knowledge and insight we needed to keep up with the world of QGIS!".* The AEC Group.

*"Thanks again for the very informative course - it was a big day full of great information".* Tristan, Director at StevTech.

## Booking enquiry

[Contact us to book now!](#)