

PostGIS

Duration | 1 day | 9.15am – 5pm **Cost** | £500 ex VAT

Prerequisites | Experience of GIS software is desirable

Welcome to Dotted Eyes

A brief introductory module:

- Course overview
- Course resources & amenities
- About Dotted Eyes

Introduction to open source

- Open software
- Open standards
- Open data
- Introduction to PostGIS

Installation and configuration

- Installation concepts
- Installation of PostgreSQL
- Installation of PostGIS
- Installation of pgAdmin III

Creating a spatial database

- Creating a new schema
- Creating a new spatial database
- Loading sample data via shp2pgsql
- Loading data via OGR
- PostGIS metadata tables
- PostGIS spatial function
- Connecting to data via a desktop GIS

Configuration and Optimisation

- Network access configuration
- Logging and error reporting
- Vacuuming data

Management, privileges and access control

- Add/remove tables
- Remove a spatial database
- Add/remove users
- Grant/revoke privileges
- Best practice for user roles

GeoServer training

Our 2 day GeoServer public training course is outlined at www.dottedeyes.com/geos

OpenLayers training

Our 1 day OpenLayers public training course is outlined at www.dottedeyes.com/openlayers

Open Source support

We provide open source support for GeoServer, PostGIS & OpenLayers, see www.dottedeyes.com/opensource

Open Source Starter Kit

Our Open Source Spatial Starter Kit includes software, installation and training. Find out more at www.dottedeyes.com/opensource

Course in brief

PostGIS is an open source spatial database built on top of the enterprise level PostgreSQL database. PostGIS adds standards compliant support for geographic objects to the PostgreSQL object-relational database allowing it to be used as a spatial database for geographic information systems (GIS).

This hands-on training course is designed to help you get started with PostGIS, covering the installation, configuration, management and use of a spatial database. Delegates will learn how to create spatial databases, load data from a number of different sources, perform queries and connect via common GIS tools.

Visit www.dottedeyes.com/postgis for more information or to book online.



Check availability or buy online at www.dottedeyes.com/buytraining

Or call our Training Sales Manager on 01527 556930 for advice

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About Dotted Eyes Training

Training Facilities

Our custom built training suite at Hanbury Court in North Worcestershire provides purpose built facilities for up to 10 delegates. Each delegate has individual use of a PC and the latest edition of the relevant software, unless otherwise stated.

Disabled access: There is full disabled access to the building with dropped kerbs offering easy access. All training is conducted on the ground floor where a dedicated disabled washroom is also situated for your convenience. We are especially keen to welcome disabled guests and make their visit as comfortable as possible.

Car parking: There is free car parking on site.

Dietary requirements: All courses include lunch as well as mid morning and afternoon refreshments. We are happy to cater for vegetarians and those with other dietary requirements, providing we have advance notification.

Opening hours: Access to the building is available from 8:30am to 5:45pm on training days.

Internet access: Delegates can use the internet or check webmail on their training PC during breaks

Taxis: Dotted Eyes staff are happy to arrange a taxi to return delegates to their hotel or the train station, if required.

Accommodation: View local accommodation at www.dottedeyes.com/accommodation

Certification

This course is accredited by the Association for Geographic Information (AGI) and contributes towards achieving Chartered Geographer status. Delegates who attend are eligible to receive 4 CPD points towards their Continual Professional Development.

Many of Dotted Eyes public courses are accredited by the Association for Geographic Information (AGI) and contribute toward achieving Chartered Geographer status. Delegates who attend are therefore eligible to receive CPD points towards their Continual Professional Development. A certificate is provided to each delegate upon completion of the course.

If you require a bespoke course especially to suit your organisation's requirements we can also apply to have your customised training materials accredited by the AGI.

Chartered Geographer - CPD Points - In order to meet the requirements laid down by the Royal Geographical Society - Institute of British Geographers (RGS-IBG), a minimum of 35 CPD hours (known as points) must be collected each year to gain and maintain Chartered Geographer (GIS) status. Of these, 20 hours should be sourced from external training/development, and the remaining 15 hours from internal training and development. Although these hours can be made up of any number of different activities, the RGS-IBG and AGI insist that annual CPD submissions are both balanced and relevant in their make-up.



About Dotted Eyes

With a long heritage as innovators of data and information solutions for private and public sector organisations, for more than 20 years Dotted Eyes has pioneered location-based intelligence products and services which enable better-informed business decision making at every level of business operations.

Serving some 900 customers UK-wide, through expert consultancy, training and product development in healthcare, local government, not-for-profit and the commercial sector, Dotted Eyes' mantra is to '*simplify, automate and integrate*' data and information. This approach uniquely equips senior and departmental levels of organisations to access, visualise, analyse and share complex data in simple, useable formats to make more cost-effective, locally-relevant decisions.

It serves 220 Local Government customers, some 130 UK Primary Care Trusts, every ambulance service in England and Wales and household name not-for-profit organisations like the National Trust, among others.

Check availability or buy online at www.dottedeyes.com/buytraining

Or call our Training Sales Manager on 01527 556930 for advice

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Dotted Eyes Training Courses

MapInfo Professional courses
with 30 days free technical support

Introduction to MapInfo Professional

2 days | Public or bespoke
Healthcare and Church of England
specific courses also available

Advanced MapInfo Professional

2 days | Public or bespoke
Healthcare and Church of England
specific courses also available

Migration to the latest version of MapInfo Professional

1 day | Public or bespoke

MapInfo Professional Refresher

1 day | public or bespoke

Vertical Mapper

1 day | Public or bespoke

In addition to these courses, we also
offer MapInfo Professional Quickstart
Days to help you get up and running
quickly.



dottedeyes.com/mapinfotraining

FME courses

with 30 days free technical support

Introduction to FME Desktop

2 days | Public or bespoke

Advanced FME Desktop

2 days | Public or bespoke

FME Server (Authoring)

1 day | Public or bespoke

In addition to these courses, we also
offer FME Quickstart Days with our
FME Certified Professionals. These
mentoring sessions are designed to
help you get up and running with
the software as quickly as possible.



dottedeyes.com/fmetraining

Open source courses

GeoServer

2 days | Public or bespoke

PostGIS

1 day | Public or bespoke

OpenLayers

1 day | Public or bespoke

dottedeyes.com/opensourcetraining

Online training

We are building a library of short
online videos, which will be
presented by our Training Manager,
David Crowther.

All you need to watch them is 5
minutes, an Internet connection
and some speakers/headphones.

dottedeyes.com/onlinetraining

Delegate comments

"I highly **recommend** Dotted Eyes
to anyone interested in training on
GIS"

"Trainer made **great efforts** to
explain in a clear and concise way"

"Very **useful** course, excellently
demonstrated"

"Truly **great course**, just like the
introductory one"

"**Fantastic** day course, well worth
the time"

"I have had **excellent feedback**
regarding David's training style,
content and ability to keep the
attention of the trainees over the
past two days.

As a result of this I have now got
some very **enthusiastic** GIS users,
all very keen to have a go at doing
their own GIS mapping. This is a
godsend to me as we don't have a
GIS section."

Booking a place

You can book places online at
www.dottedeyes.com/buytraining

If you require assistance in
selecting a course, please call
our Training Sales Manager on
01527 556930 or email training@dottedeyes.com

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Or call our Training Sales Manager on 01527 556930 for advice

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