

# COURSE OVERVIEW

**Course Name:**  
(CN-DSBIZ)  
CertNexus Data  
Science for Business  
Professionals

**COURSE DURATION: 1 Days**

**Gauteng:**

3rd Floor, 34 Whitely Road  
Melrose Arch  
Johannesburg  
2196

**Gauteng:**

192 on Bram  
192 Bram Fischer Drive  
Ferndale, Randburg  
Johannesburg  
2160

**Cape Town:**

3rd Floor, Thomas Pattullo Building  
19 Jan Smuts St  
Cape Town  
8000

**Durban:**

9 Mountview Close  
Broadlands  
Mount Edgecombe  
Durban  
4302



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## INTRODUCTION

The ability to identify and respond to changing trends is a hallmark of a successful business. Whether those trends are related to customers and sales, or to regulate industry standards, businesses are wise to keep track of the variables that can affect the bottom line. In today's business landscape, data comes from numerous sources and in diverse forms. By leveraging data science concepts and technologies, businesses can mould all that raw data into information that facilitates decisions to improve and expand the success of the business.

## DELIVERY METHOD

Our courses have flexible delivery options:

- In-person classroom training at the Impactful training facilities
  - Johannesburg, Durban, Cape Town
- Virtual instructor-led training
- Nationally: on-site at the client



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## TARGET AUDIENCE

This course will significantly benefit:

- Security Officers
- Auditors
- Security Professionals
- Site Administrators
- Anyone who is concerned about the integrity of the network infrastructure

## PREREQUISITES

The knowledge and skills that a learner must have before attending this course is as follows:

Have successfully completed EC-Council's Certified Network Defender (CND) course or

Have successfully completed CompTIA's Security+ (IN-SE) course

There is a minimum age requirement that applies and attendance of the Ethical Hacking and Countermeasures training course or attempts at the relevant exam, is restricted to candidates who are at least 18 years old.

## COURSE OBJECTIVES

Upon completing this course, the learner will be able to:

Master an ethical hacking methodology that can be used in a penetration testing or ethical hacking situation. You walk out the door with ethical hacking skills that are highly in demand, as well as the internationally recognized Certified Ethical Hacker certification! This course prepares you for EC-Council Certified Ethical Hacker exam 312-50

## COURSE CONTENT

- Introduction to Ethical Hacking
- Footprinting and Reconnaissance
- Scanning Networks
- Enumeration
- System Hacking
- Malware Threats
- Sniffing
- Social Engineering
- Denial of Service
- Session Hijacking
- Hacking Webservers
- Hacking Web Applications
- SQL Injection
- Hacking Wireless Networks
- Hacking Mobile Platforms
- Evading IDS, Firewalls, and Honeypots
- Cloud Computing
- Cryptography

## ASSOCIATED EXAMS & CERTIFICATION

The CEH certification Program certifies individuals in the specific network security discipline of Ethical Hacking from a vendor-neutral perspective. The Certified Ethical Hacker certification will fortify the application knowledge of security officers, auditors, security professionals, site administrators, and anyone who is concerned about the integrity of the network infrastructure. This course prepares you for EC-Council Certified Ethical Hacker exam 312-50\*.

\*When you attend any authorized EC Council training course at Altron Bytes People Solutions you will receive the associated Prime IBT examination voucher as part of your course material