

IBM Digital – Nation

Our mission is to empower youth with digital skills and tools to help improve their lives and provide access to a wider range of opportunities.

A Brief Overview of Learning Paths

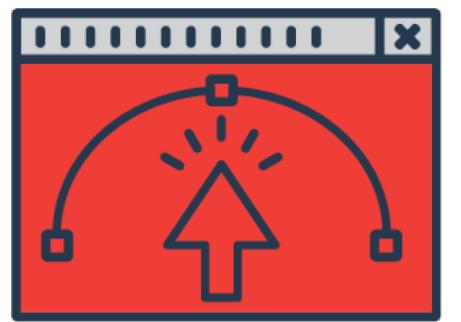
v1.0





Intro to Coding (includes Blockly course)

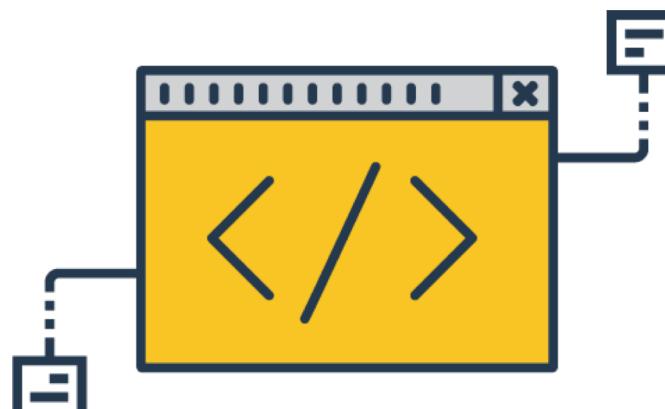
Explorer Course



Create your own
Web Page



Create the Back-End of
a Visitor Tracking App



Create the Front-End of a
Visitor Tracking App

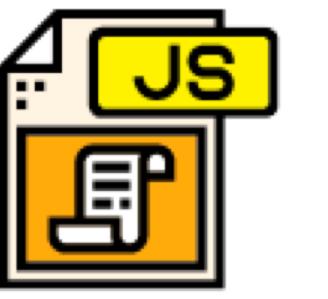
Innovator Courses



Web Development



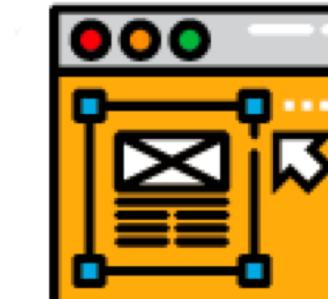
HTML & CSS



JavaScript



Java



Express Web Framework



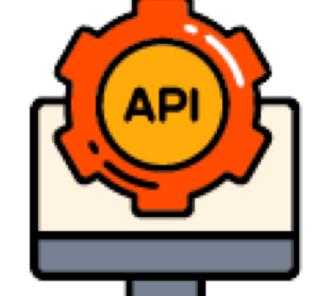
Web Security



Web Services



Node.js



API

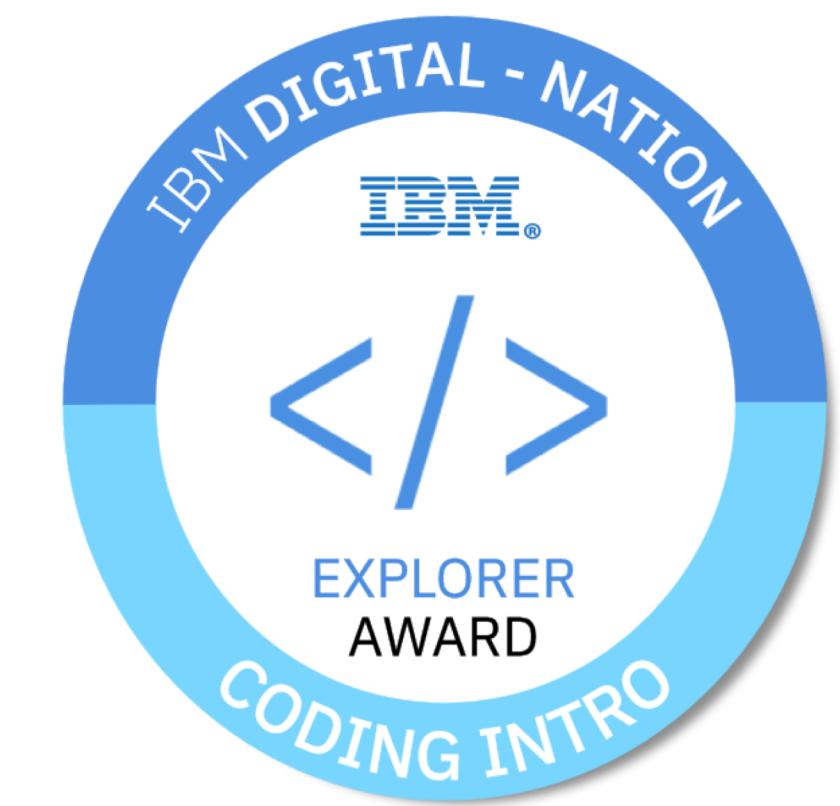


Git

New Collar Courses

Coding and Web App
Development

Sample Badge Earned



This badge is a cross-industry digital recognition of technical skills which can be shared on your social and professional networking sites.

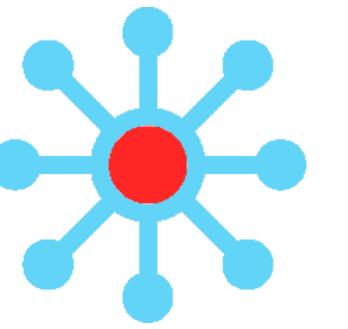
14 courses

51 Hours

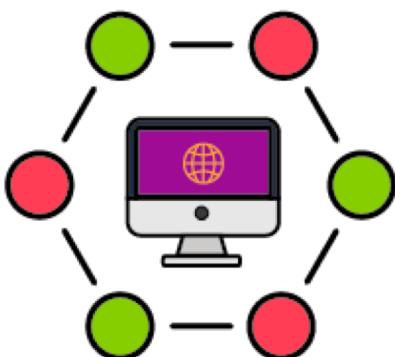
APIs & Microservices



Create a Push
Notifications Application



Create a Microservice using
IBM Cloud Functions



Deploy a Microservices-
based Web Application

Innovator Courses

Sample Badge Earned



This badge is a cross-industry digital recognition of technical skills which can be shared on your social and professional networking sites.

3 courses

7 Hours



Introduction to Cloud

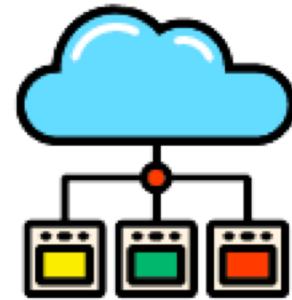
Explorer Course

Cloud



Getting Started with IBM Cloud

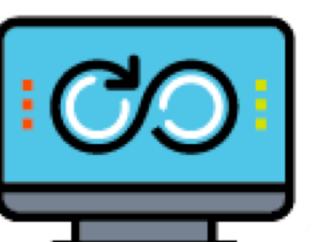
Innovator Courses



Cloud
Computing



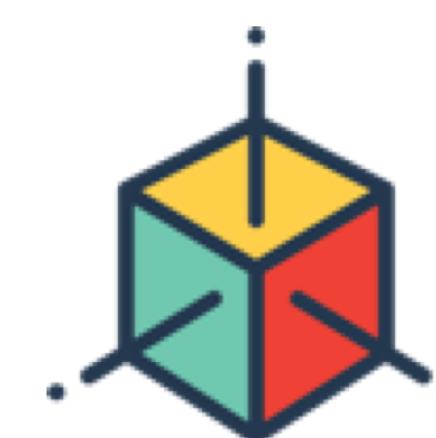
Cloud
Foundry



DevOps



Cloud
Database



Docker essentials:
Extend your apps
with containers

New Collar Courses

Sample Badge Earned



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7 courses

27 Hours

Containers & Kubernetes

Innovator Courses

- Deploy Your First Container**
- Build and Deploy a Movie Database Application Container**
- Host Your Own WordPress Site on Kubernetes Cluster**

Sample Badge Earned



This badge is a cross-industry digital recognition of technical skills which can be shared on your social and professional networking sites.

3 courses

6 Hours

DevOps

Sample Badge Earned



Deploy your First Application using DevOps



Monitor your app availability and understand its usage



Continuously deploy your Angular Application

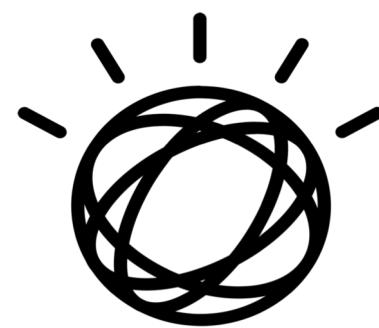


Innovator Courses

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3 courses

6.5 Hours



Introduction to Artificial Intelligence

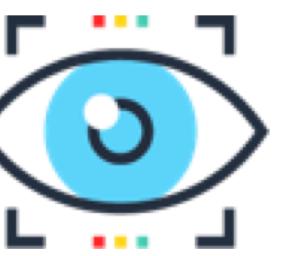
Explorer Course



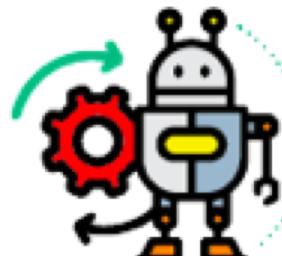
Build your own Chatbot



Find valuable insights with IBM Watson



Detect fraud using Visual Recognition

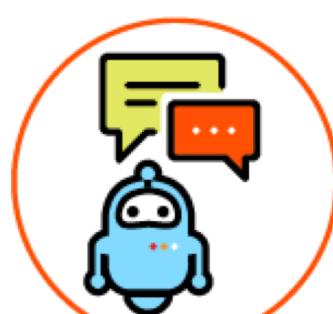


Discover IBM Watson Services

Innovator Courses



Artificial Intelligence



Chatbots



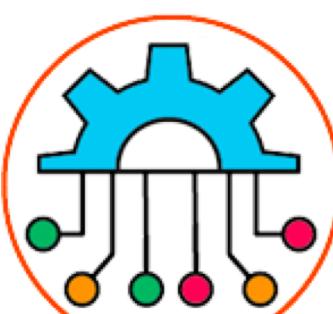
Computer Vision



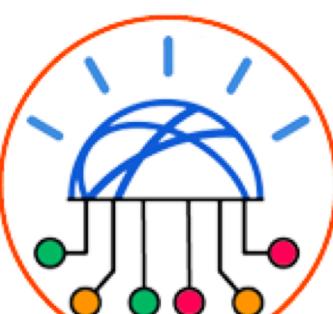
Natural Language Processing



IBM Watson



Machine Learning



Watson Machine Learning



Integration

New Collar Courses

Artificial Intelligence

Sample Badge Earned



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10 courses

48 Hours



Introduction to Blockchain

Explorer Course



Build your
Car Auction Application on
Blockchain

Build your Voting
Application on Blockchain

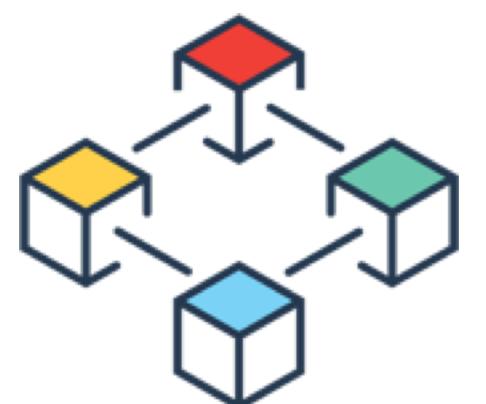


Track Donation with Blockchain

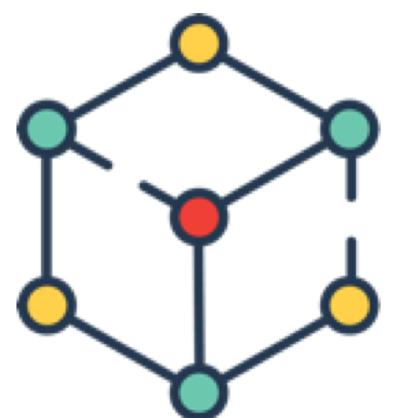
Innovator Courses



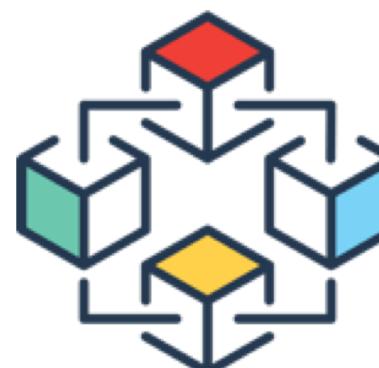
Blockchain
Fundamentals



Hyperledger Composer
Foundations



Hyperledger
Fabric Chaincode



Hyperledger
Fabric Integration

New Collar Courses

Blockchain

Sample Badge Earned



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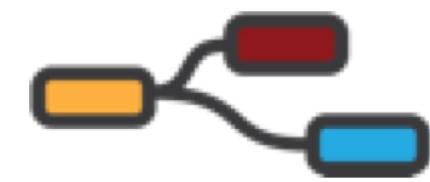
8 courses

18.5 Hours

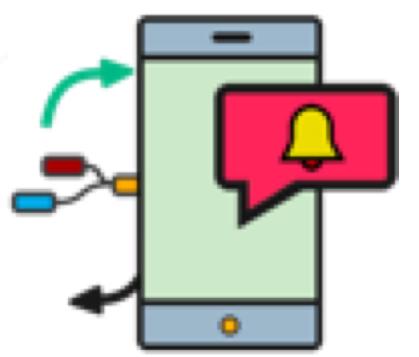


Internet of Things (IoT)

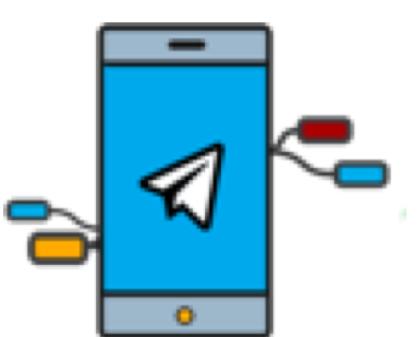
Explorer Course



Build your First IoT Application: Node-RED: Basics to Bots



Build a Notification System for your IoT Application



Integrate Watson Assistant and Telegram using Node-RED



Create a Smart Home IoT Application

Innovator Courses



IoT Fundamentals



IoT Network Protocols

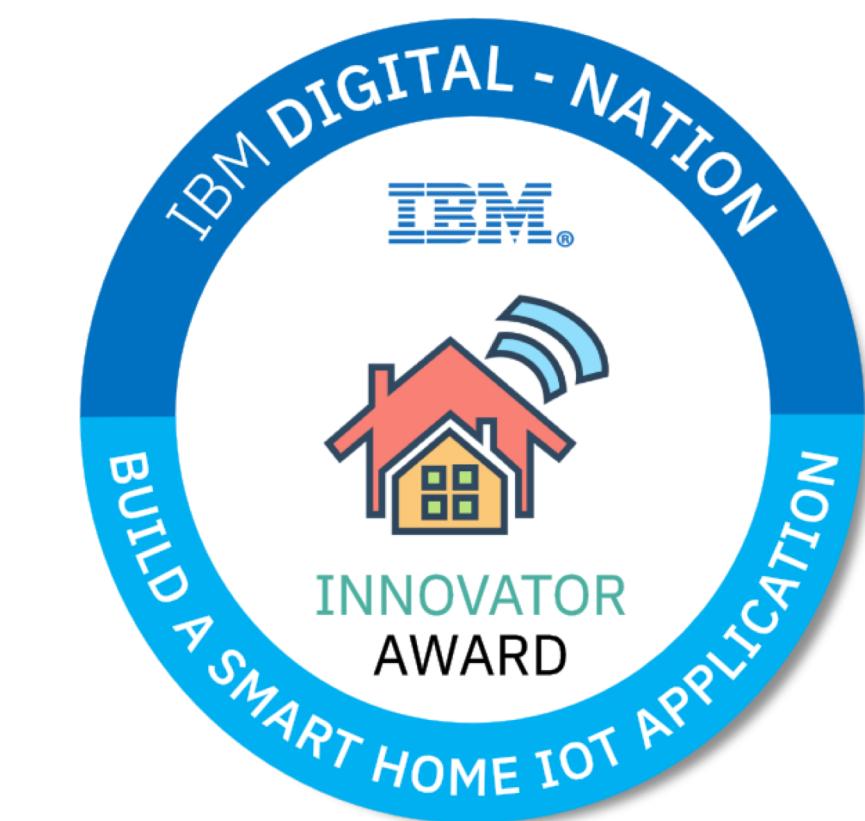


IoT APIs

New Collar Courses

Internet of Things

Sample Badge Earned



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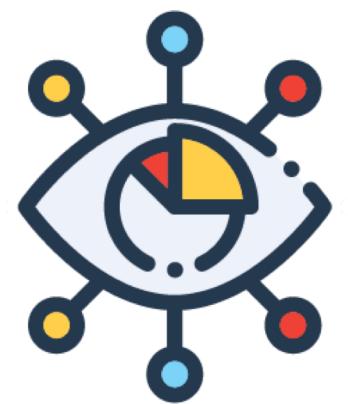
8 courses

21.5 Hours



Introduction to Data Science and Analytics

Explorer Course



Predict Employee Turnover
using IBM Watson Studio



Identify Potential Repeat
Customers for your Business



Analyze and Predict
Heart Failure

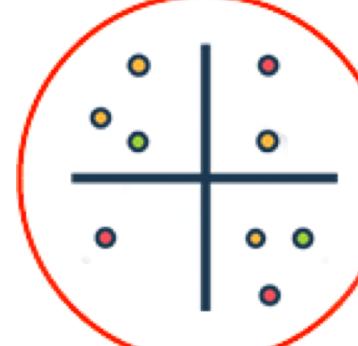
Innovator Courses



Data Science
Fundamentals



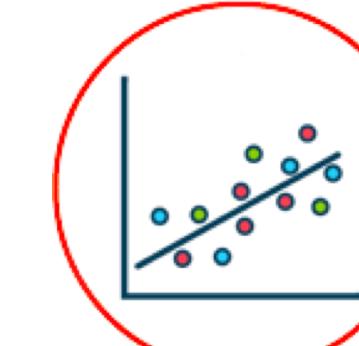
Data Understanding and
Preparation



Cluster
Analysis



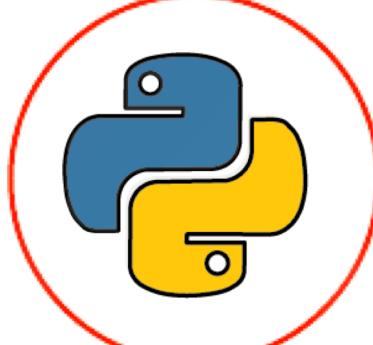
Classification



Regression



Communicating
Business Insights



Python 101

New Collar Courses

Data Science & Analytics

Sample Badge Earned



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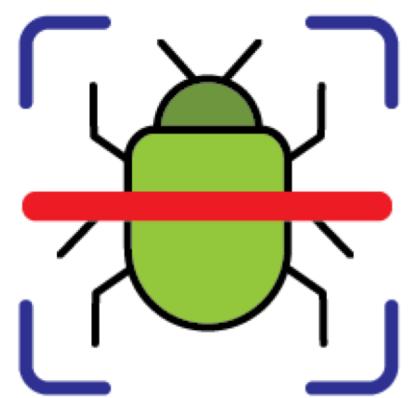
11 courses

43 Hours



Cybersecurity

Explorer Course



Identify and Investigate
Cybersecurity Threats



Protect your Sensitive
Data Against Threats

Innovator Courses



Web Security

New Collar Courses

Cybersecurity

Sample Badge Earned



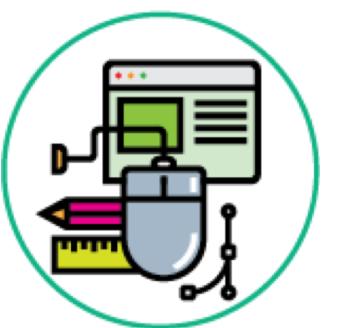
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3 courses

8.5 Hours

Design Thinking

Sample Badge Earned



**Design Thinking for
Beginners**



**Enterprise Design
Thinking for Practitioners**

Innovator Courses

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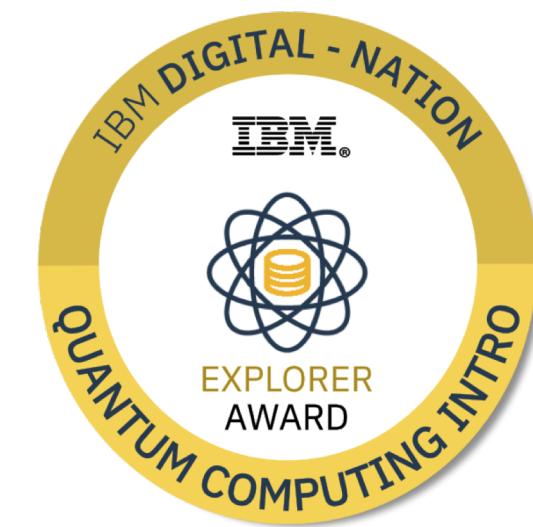
2 courses

4.5 Hours



Quantum Computing

Explorer Course



Find jobs using our Job Advisor Tool

A way for you to search and connect with a pool of jobs relevant to your skills

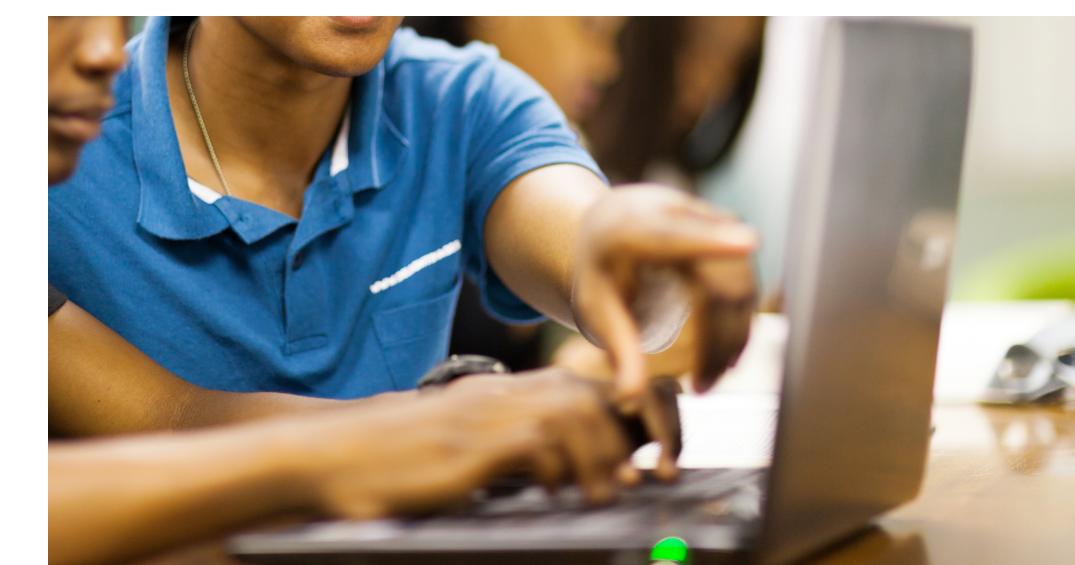
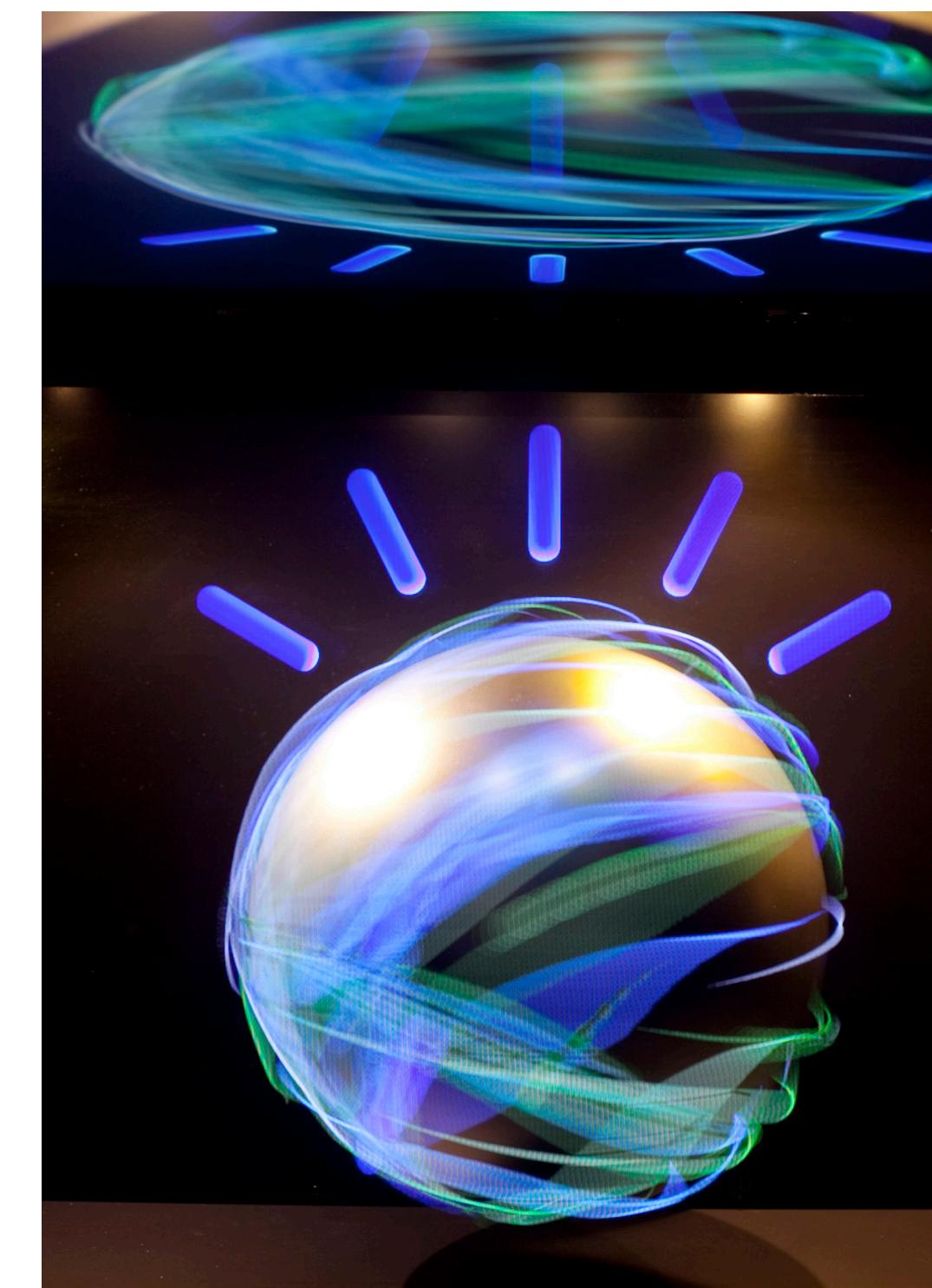
Job Advisor

Powered by
IBM Watson™



*Helps you **filter**
results based on
your profile.*

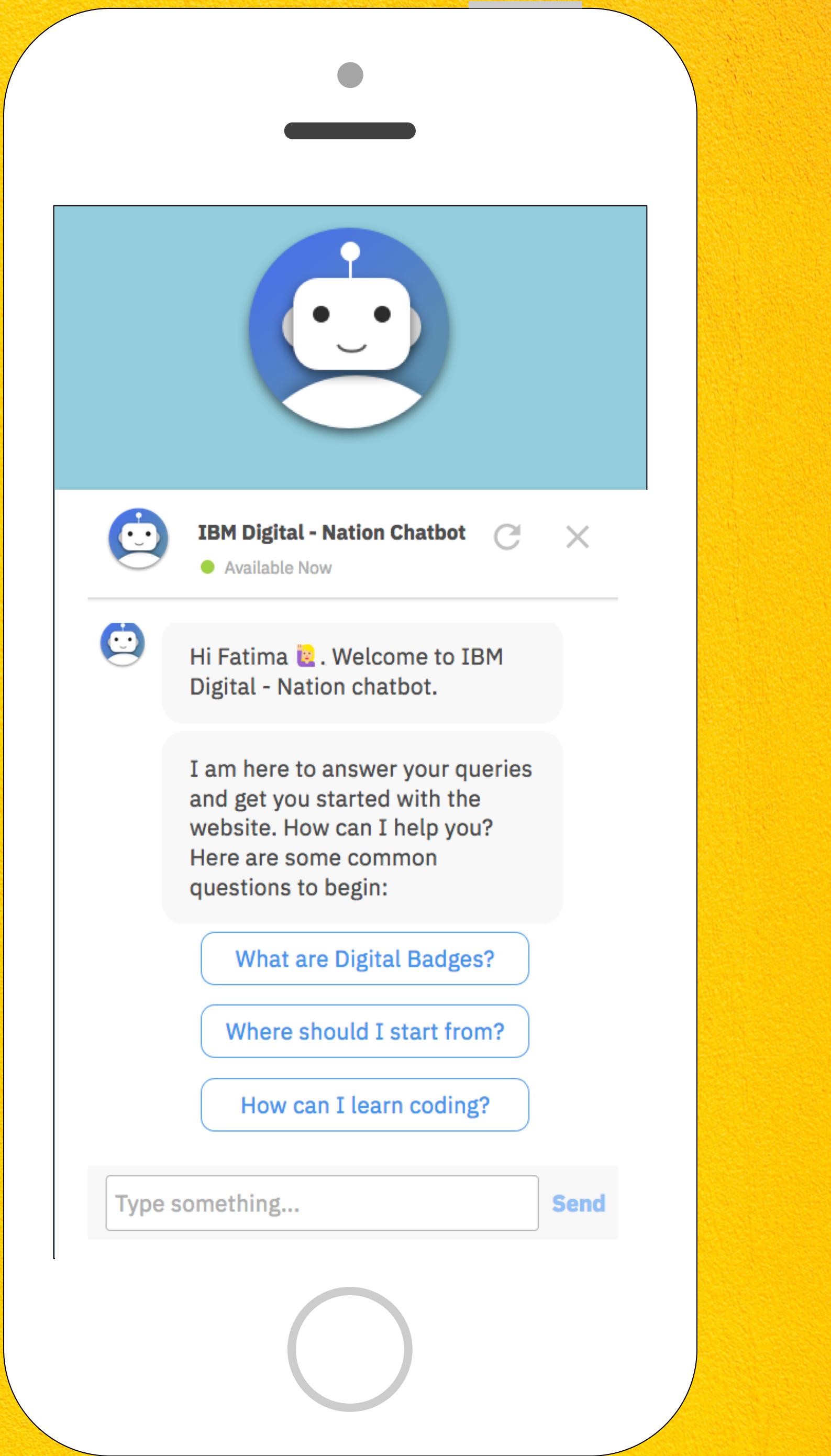
*Integrated with
selected recruitment
sites.*



*Search by
Keywords,
Location,
Company or Job
Role*

*Does **skill gap analysis** &
recommends
learning paths
based on
missing skills*

Our IBM Digital – Nation chatbot can help:



Users navigate through the website

Understand overview of the platform

Choose the right course or learning path

Answer Frequently Asked Questions

Users submit their feedback

What is an IBM Digital Badge?

Your achievements will be represented by a digital badge with verified proof of your qualifications and the process necessary to earn them.

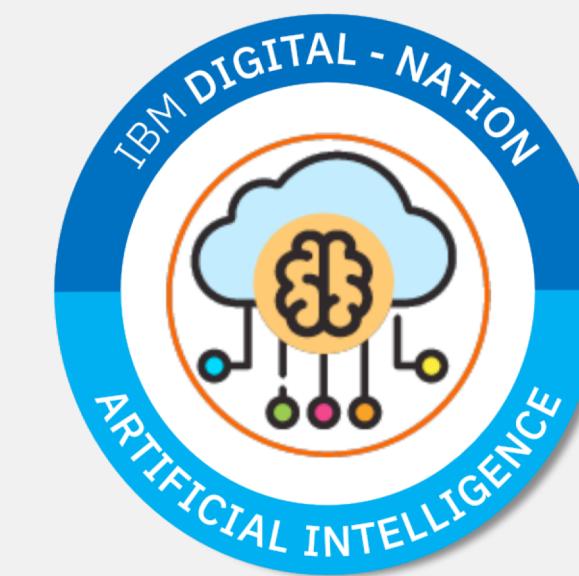


IBM Digital Badge

Benefits

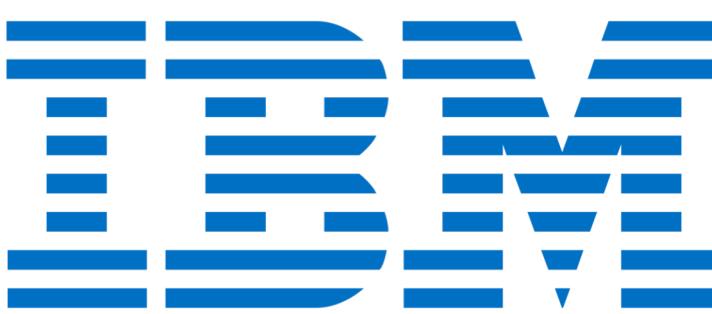
- Combine your credentials to form a complete overview of your skills.
- Display your accomplishment in your e-mail signature.
- Display your qualifications on social and professional networking site.
- Provide employers with easy, valid verification of your credentials.

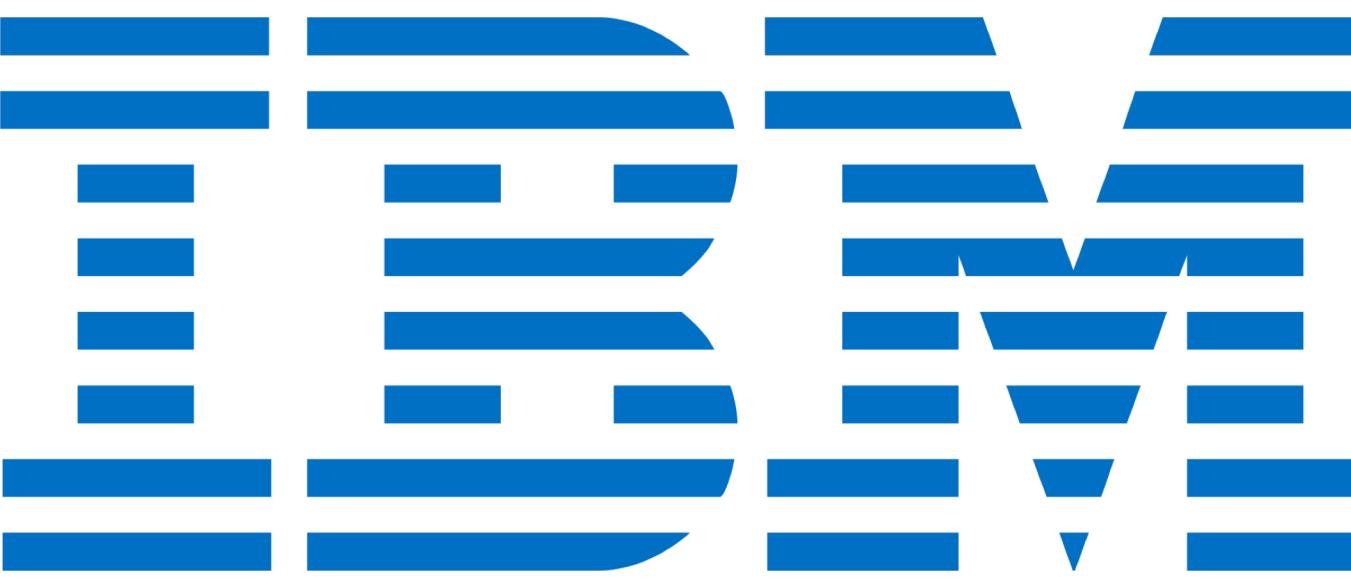
Explorer, Innovator & New Collar



**These badges are a few examples of what we offer through the platform. To see the full list, kindly refer to the badges page on the website.*

*Join the Digital World
today*





Thank you