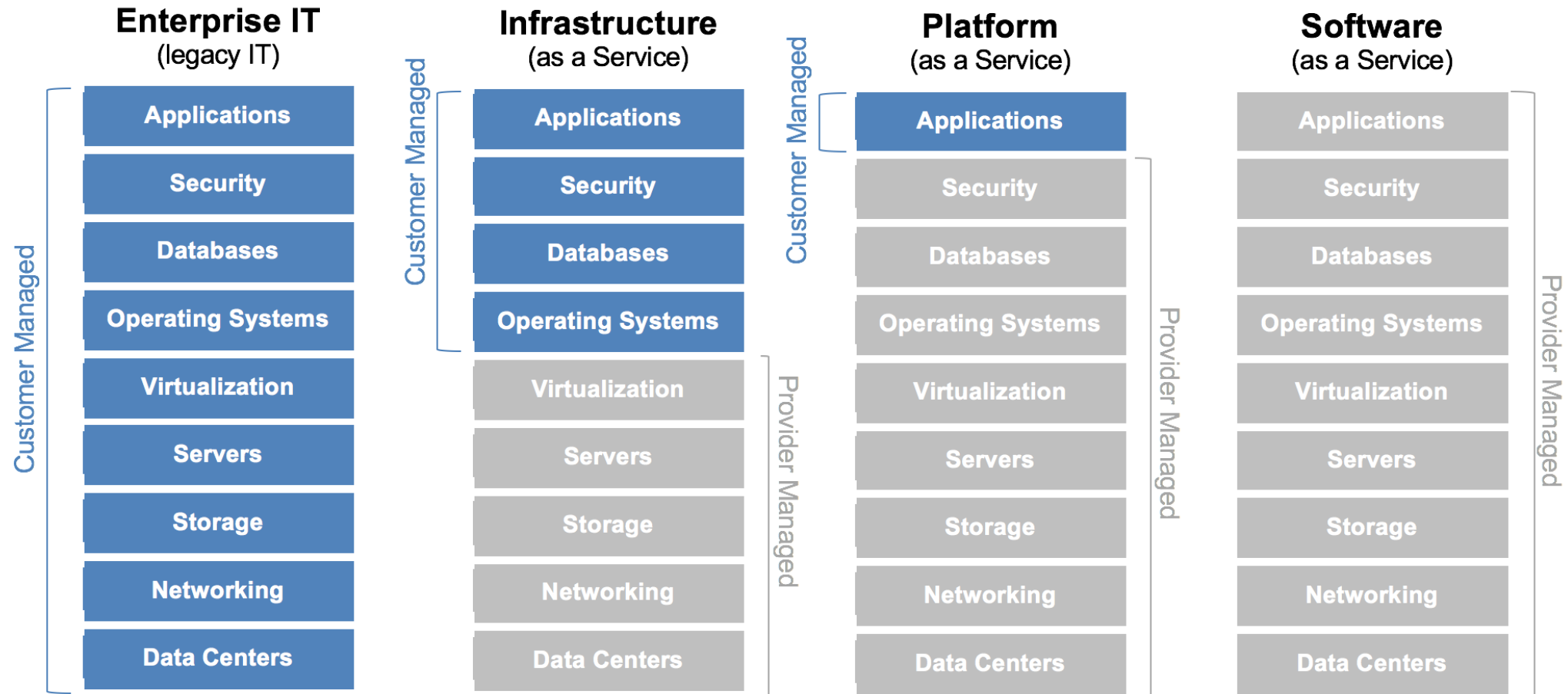


IBM Cloud

What does IBM have to offer?

Pizza-as-a-Service

On-prem, IaaS, PaaS, SaaS?

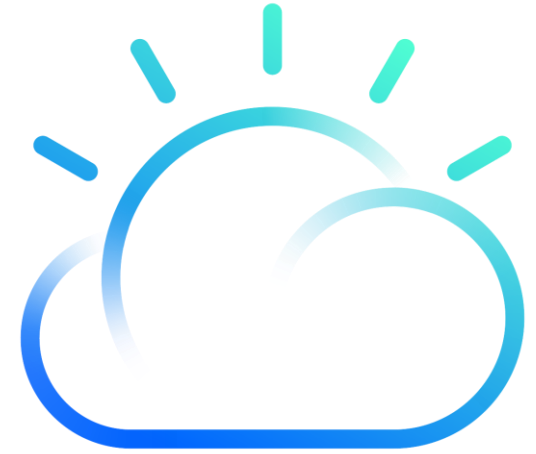


Introducing IBM Cloud

A platform for the world's ideas

Bringing together infrastructure and platform services, IBM Cloud is the home of 170+ unique services, including offerings like IBM Watson and Weather.com, and millions of running applications, containers, servers, and more.

Used by over a million developers making over a billion API calls a day and starting over a 100,000 apps a month. Welcoming over 2,000 new users everyday to the largest Cloud Foundry deployment.



What is Available

Infrastructure	Watson	DevOps	Data and Analytics	Other Services
Compute	Conversation	Load Balancer	SQL Databases	Mobile
Storage	Discovery	Auto Scaling	NoSQL Databases	Web
Networking	Speech to Text	Continuous Integration	Data connect	Backend as a Service
Security	Text to Speech	Continuous Delivery	Machine Learning	Microservices
Containers	Translator	Source Control	Big Data	IoT
CF Apps	Natural Language Understanding	Monitoring	Data Science	Blockchain
	Natural Language Classification			Function as a Service
	Personality Insights			API Connect
	Tone Analyzer			
	Visual Recognition			



Infrastructure:

Hybrid Cloud

Infrastructure

Hybrid Cloud

Get access to a host of Compute, Storage, Network, and Security services for both private, public, and hybrid cloud.





Applications:

Web & Mobile

Applications

Cloud Foundry Apps

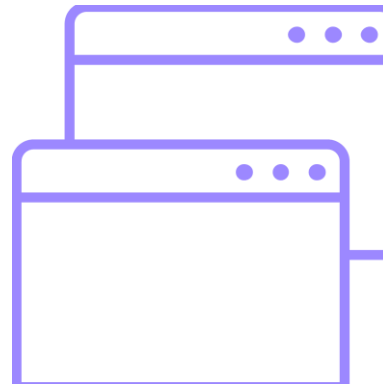
Design your Web application quickly in a variety of languages such as Node.js, Java, Python, PHP, Swift, and Go. Build your application from ground up or use a set of [boilerplates](#), then connect your application to a variety of services and let IBM Cloud take care of the runtime environment for you.



Applications

Web App Builder

Design your Web application with the minimal amount of code. Choose from the available templates or design your own. After designing you app, you can download your source code. You can then connect your app to databases and other services.



Applications

Mobile App Builder

Design your Android or IOS application with the minimal amount of code. Choose from the available templates or design your own. After designing you app, you can download your source code. You can also add push notification, authentication function and more.





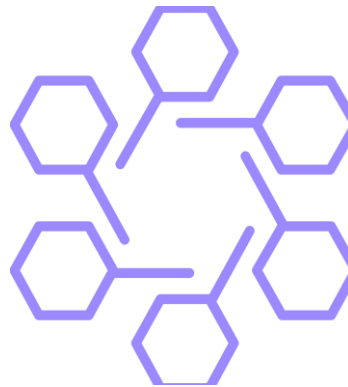
DevOps:

Tools

DevOps

Tools

Speed up and manage your development process by using a variety of tools for version control, continuous integration, testing, and deployment. You can even configure your own custom tools to work with IBM Cloud and ensure the smoothest project lifecycle.





Serverless:

Containers and Functions

Serverless

Container Services

Combining Docker and Kubernetes to orchestrate intelligent scheduling, self-healing, and horizontal scaling for rapid delivery of your apps. We'll manage the master nodes, while you customize the worker nodes.



Serverless

Functions

Design your Web application with the minimal amount of code. Choose from the available templates or design your own. After designing you app, you can download your source code. You can then connect your app to databases and other services.





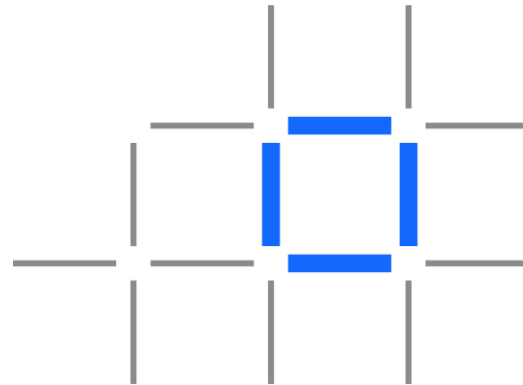
Services:

Specialized Services

Specialized Services

Blockchain

Develop, govern and operate secure blockchain networks on IBM Cloud. IBM Blockchain Platform allows networks to start small then scale elastically without disruption as membership and transaction volumes increase. It also provides a built in, democratic and decentralized network management experience.



Specialized Services

API Connect

IBM API Connect is a comprehensive end-to-end API lifecycle solution that enables the automated creation of APIs, simple discovery of systems of records, self-service access for internal and third party developers and built-in security and governance. It also provides streamlined control across the API lifecycle and also enables businesses to gain deep insights around API consumption from its built-in analytics.





Data and Analytics:

Databases, Sources, and Machine Learning

Data and Analytics

Databases

Take advantage of a host of cloud database solution. Whether you want to set up an SQL database, NoSQL database, a caching service, Big Data storage, or any other enterprise level data storage solution or object storage, provision your required secure storage with a click of a button.



Data and Analytics

Sources

Connect existing data sources using IBM Data Connect or stream real-time data using Streaming analytics to your application. Also make use of some third party data sources such as The Weather Company and others.

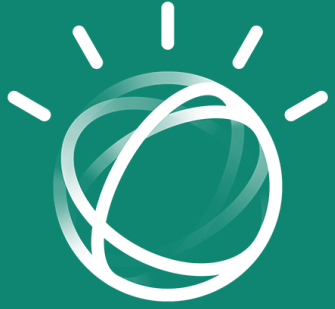


Data and Analytics

Machine Learning

IBM Watson Machine Learning is a full-service cloud offering that makes it easy for developers and data scientists to work together to integrate predictive capabilities with their applications. The Machine Learning service is a set of REST APIs that you can call from any programming language to develop applications that make smarter decisions, solve tough problems, and improve user outcomes.





Watson:

Services

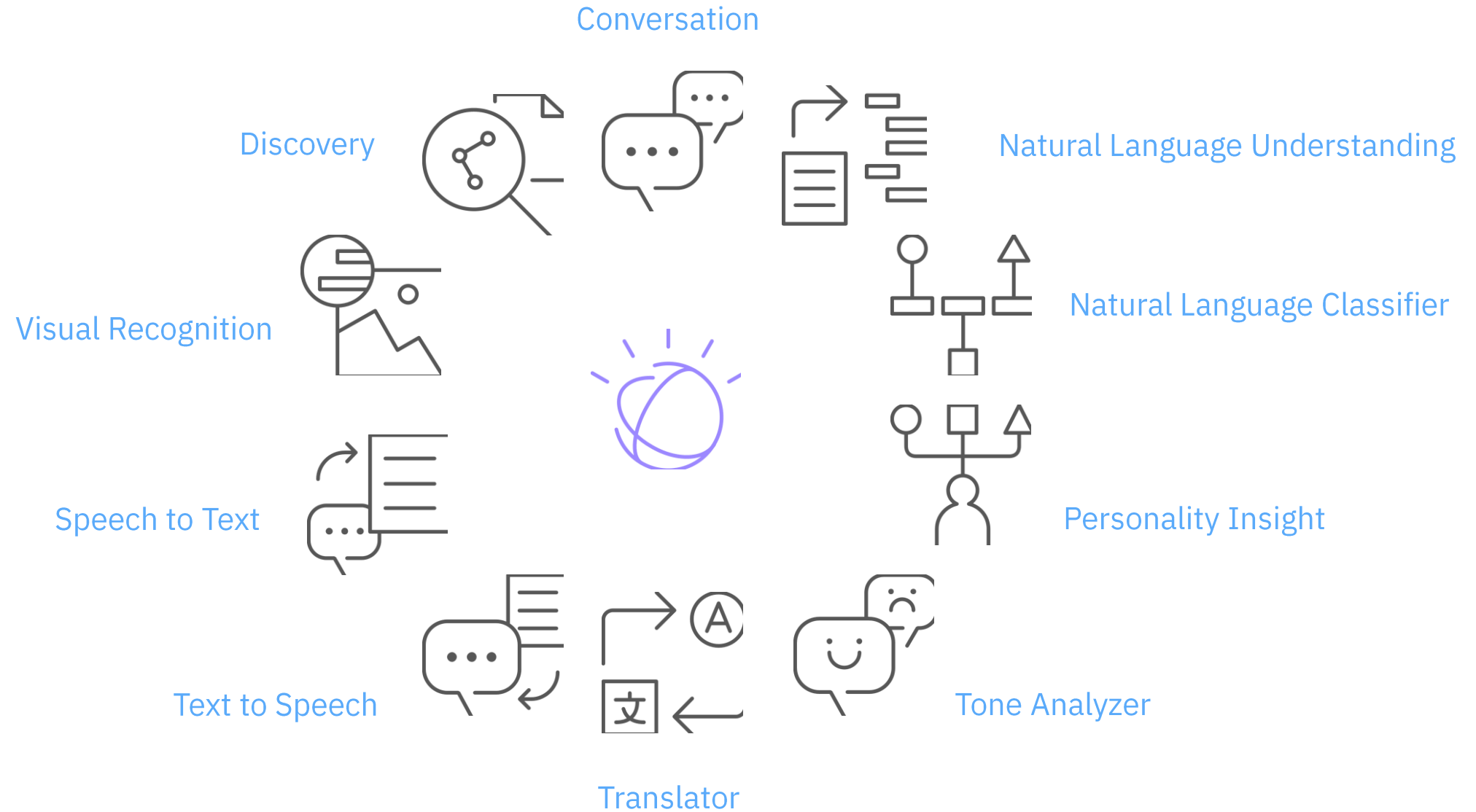
With Watson:

You can build cognition into your apps and products, whether it's a web or native app, or even robotics.

You can analyze and interpret all of your data, including unstructured text, images, audio and video. You can provide personalized recommendations by understanding a user's personality, tone, and emotion. You can utilize machine learning to grow the subject matter expertise in your apps and systems. You can create chat bots that can engage in dialog.

Watson is available as a set of open APIs through IBM Cloud.

With Watson:





IBM IoT

IBM Internet of Things Platform

Facilitate the management of your IoT devices using the IBM IoT Platform. Connect millions of devices and stream data to your application. You can also build your IoT applications with Node Red in a matter of minutes.



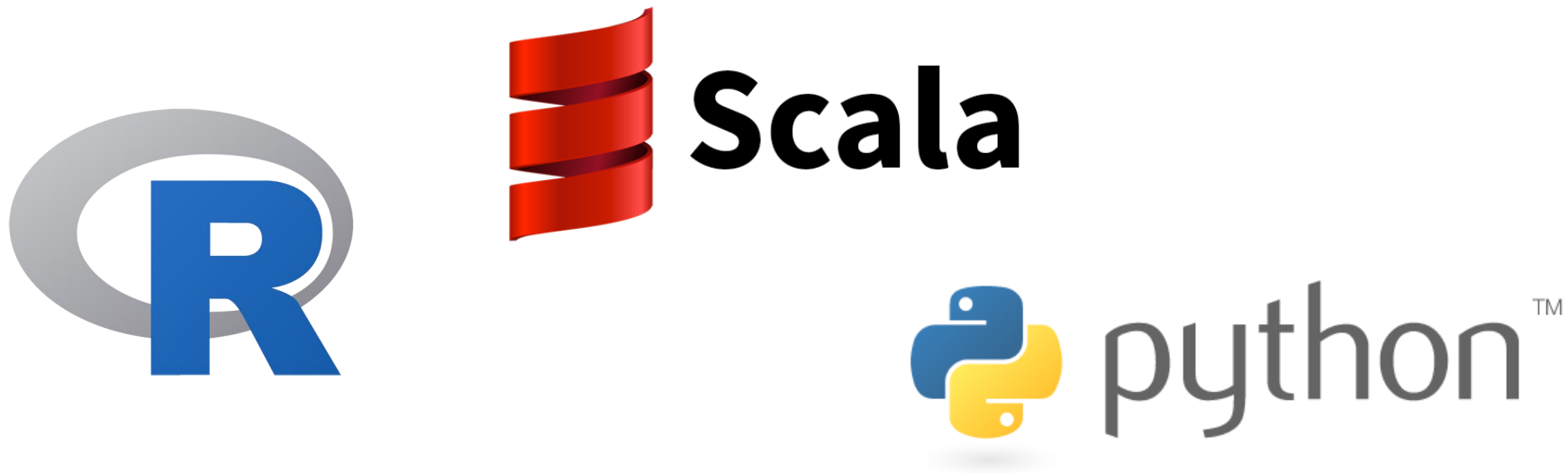


Data Science:

Data Science Experience

Data Science Experience

Data Science Experience offers the opportunity to work with big data on the cloud. Use Python or R on Spark to process big data, build models, and deploy models. Data Science Experience allows you to easily collaborate on descriptive, prescriptive, predictive analytics, and Machine Learning on the cloud.



Data Science Experience



Data Science Experience



Resources

Learn – develop – connect

Code Labs (developer.ibm.com/code)

GitHub (github.com/watson-developer-cloud
github.com/IBM-Bluemix/
github.com/IBM)

Learning Lab - Coursera - Udacity - more