



**VIDYABHARTI TRUST COLLEGE OF
BUSINESS, COMPUTER-SCIENCE AND RESEARCH**
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Get to know more about **IT**

COMPUTER ALL SHORTCUT KEYS

COMPUTER ALL SHORTCUT KEYS

BASIC SHORTCUT KEYS		MS-WORD SHORTCUT		MS-EXCEL SHORTCUT	
CTRL + +	ZOOM IN	CTRL + A	SELECT ALL	CTRL + A	SELECT ALL CELL
CTRL + -	ZOOM OUT	CTRL + B	BOLD	CTRL + B	BOLD
CTRL + 0	ZOOM TO FIT	CTRL + C	COPY	CTRL + C	COPY
CTRL + A	SELECT ALL	CTRL + D	DEFAULT FONT SET	CTRL + D	FILL DOWN
CTRL + B	BOLD	CTRL + E	CENTER	CTRL + E	FLASH FILL
CTRL + C	COPY	CTRL + F	FIND	CTRL + F	FIND
CTRL + E	EXPAND ALL TIMELINE GROUPS	CTRL + G	GO TO	CTRL + G	GO TO SPECIAL
CTRL + H	OPEN HISTORY	CTRL + H	REPLACE	CTRL + H	FIND & REPLACE
CTRL + W	CLOSE PANEL	CTRL + I	ITALIC	CTRL + I	ITALIC
CTRL + X	CUT	CTRL + J	JUSTIFY	CTRL + J	NA
ALT + A	OPEN/CLOSE LAYOUTS	CTRL + K	HYPERLINK	CTRL + K	INSERT HYPERLINK
ALT + C	COPIES A VERSE WHEN THE CBV PANEL IS OPEN	CTRL + L	ALIGN TEXT LEFT	CTRL + L	CREATE TABLE
ALT + D	GO TO COMMAND BOX	CTRL + M	HANGING INDENT	CTRL + M	NA
ALT + F	OPEN/CLOSE DOCUMENTS MENU	CTRL + N	NEW DOCUMENT	CTRL + N	NEW WORKBOOK
ALT + G	OPEN/CLOSE GUIDES MENU	CTRL + O	OPEN	CTRL + O	OPEN FILE
ALT + H	OPEN/CLOSE HOME PAGE	CTRL + P	PRINT	CTRL + P	PRINT
ALT + L	OPEN/CLOSE LIBRARY	CTRL + Q	ADD SPACE PARAGRAPH	CTRL + Q	DATA ANALYSIS TOOL
ALT + P	OPEN HELP MENU	CTRL + R	ALIGN TEXT TO RIGHT	CTRL + R	FILL DUPLICATE RIGHT
ALT + S	OPEN SEARCH PANEL	CTRL + S	SAVE	CTRL + S	SAVE WORKBOOK
ALT + T	OPEN/CLOSE TOOLS MENU	CTRL + T	LEFT INDENT	CTRL + T	CREATE TABLE
ALT + -	ACTIVATE PANEL MENU	CTRL + U	UNDERLINE	CTRL + U	UNDERLINE TEXT
OUTLOOK SHORTCUT KEY		CTRL + V	PASTE	CTRL + V	PASTE
CTRL + B	APPLY BOLD FORMATTING	CTRL + W	CLOSE	CTRL + W	CLOSE WORKBOOK
CTRL + C	COPY YOUR SELECTION TO THE CLIPBOARD	CTRL + X	CUT	CTRL + X	CUT
CTRL + F	FORWARD MESSAGE	CTRL + Y	REPEAT / REDO	CTRL + Y	REDO
CTRL + I	APPLY ITALIC FORMATTING	CTRL + Z	UNDO	CTRL + Z	UNDO
CTRL + K	INSERT A HYPERLINK	CTRL + 0	HIDE COLUMNS	DAILY USES SHORTCUT KEY	
CTRL + L	CREATE A CONTACT LIST	CTRL + 1	SINGLE-SPACE LINES	CTRL + O	OPEN A FILE IN THE CURRENT SOFTWARE
CTRL + N	CREATE A NEW MESSAGE OR CALENDAR EVENT	CTRL + 2	DOUBLE-SPACE LINES	CTRL + A	SELECT ALL TEXT
CTRL + R	REPLY TO EMAIL MESSAGE	CTRL + 5	1.5-LINE SPACING	CTRL + B	CHANGE SELECTED TEXT TO BE BOLD
CTRL + X	CUT TEXT YOU SELECTED	CTRL +]	INCREASE SELECTED FONT +1	CTRL + I	CHANGE SELECTED TEXT TO BE IN ITALICS
CTRL + Y	REPEAT THE MOST RECENT ACTION	CTRL + [DECREASE SELECTED FONT -1	CTRL + U	CHANGE SELECTED TEXT TO BE UNDERLINED
CTRL + Z	REVERSE THE MOST RECENT ACTION	CTRL + =	APPLY SUBSCRIPT FORMATTING	CTRL + S	SAVE CURRENT DOCUMENT FILE
DELETE	DELETE THE SELECTED ITEM	CTRL + F1	APPLY SUBSCRIPT FORMATTING	CTRL + C	COPY SELECTED ITEM
ENTER	OPEN THE SELECTED ITEM	CTRL + F3	CUT SELECTED CONTENT TO SPIKE	CTRL + V	PASTE
SHIFT+E	EDIT A CONTACT OR CONTACT LIST	CTRL + F4	CLOSE THE ACTIVE WINDOW	CTRL + K	INSERT HYPERLINK FOR THE SELECTED TEXT
ALT+H	MOVE THE FOCUS TO THE HOME TAB	CTRL + >	INCREASE FONT SIZE	CTRL + X	CUT SELECTED ITEM
ALT+V	MOVE THE FOCUS TO THE VIEW TAB	CTRL + <	DECREASE FONT SIZE	CTRL+ESC	OPEN THE START MENU
		CTRL + END	GO TO PAGE LAST		

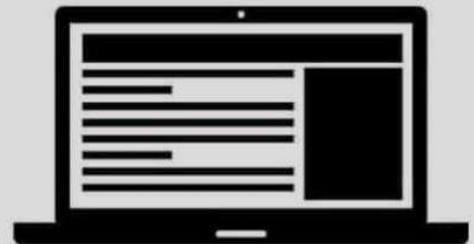
MR. CHIRAG MEHTA

ASST. PROFESSOR

TOP 20 WEBSITES FOR MACHINE LEARNING AND DATA SCIENCE

TOP 20 WEBSITES FOR DATA SCIENCE AND ML

- ELITE DATA SCIENCE
- KDNUGGETS
- KAGGLE
- REDDIT – R/DATASCIENCE
- TOWARDS DATA SCIENCE
- DATAFLOQ
- DOMINO DATA SCIENCE BLOG
- MACHINE LEARNING MASTERY
- NATURE MACHINE INTELLIGENCE
- GEEKS FOR GEEKS – MACHINE LEARNING
- GOOGLE NEWS – DATA SCIENCE
- PETE WARDEN'S BLOG
- DATA36
- REVOLUTIONS
- EDWIN CHEN
- INSIDEBIGDATA
- GOOGLE AI BLOG
- ANALYTICS VIDHYA
- DATA SCIENCE DOJO
- DATA SCIENCE 101



MR. AMIT PATEL
HOD AND ASST. PROFESSOR

BEST YOUTUBE CHANNELS TO LEARN DATA SCIENCE



MR. AMIT PATEL

HOD AND ASST. PROFESSOR

HISTORY OF .NET TECHNOLOGY

In the late 1900s, Microsoft started working hard on its .NET Strategy. Back then, Bill Gates said that Microsoft would “lay foundations for the Internet of the new generation”. Sounds quite ambitious but well, it’s Bill Gates. The main idea behind the project was to encompass all Microsoft products and add the .NET ending to the existing product names, i.e. Windows.NET. In the 2000s, the .NET framework was known under the Next Generation Windows Services name or NGWS in short. However, as the initial .NET strategy failed, so did the name and since then, we all know the .NET framework as it is.

2000 – 2007

The first beta versions of the .NET framework were released in the late 2000s and on February 13, 2002, the first version .NET 1.0 was released. Its main feature was CLR and it supported the object-oriented development of the web apps.

Throughout the years, from 2002 to 2007, the following versions were released:

- .NET 1.1 (April 2003): featured an array of enhancements (i.e. security enhancement for ASP.NET), support for Internet Protocol Version 6, ODBC.
- .NET 2.0 (November 2005): had generic collections, iterators, new features for ASP.NET, nullable types, etc.
- .NET 3.0 (November 2006): featured WPF (Windows Presentation Foundation), WCF (Windows Communication Foundation), WWF (Windows Workflow Foundation).

2007: source code made available

Before releasing the .NET 3.5 version in November, in October Microsoft made an announcement that the source code for the libraries of the upcoming version would be available under the Microsoft Reference Software License. The repository became available at the beginning of 2018.

The .NET 3.5 version included the following key features:

- Support for AJAX,
- Dynamic data,
- LINQ
- ASP.Net MVC

Until 2014, Microsoft released a few more versions of the framework:

- .NET 4.0 (April 2010): Managed Extensibility Framework, DLR, task parallel library, Razor view engine.
- .NET 4.5 (August 2012): support for Async, better ASP.NET support, support for Zip compression, improved CLR 4.0
- .NET 4.5.1 (October 2013): better performance and debugging, advanced support for Windows Store application development.

2014: the beginning of the .NET Core

.NET had many advantages but one of its biggest flaws was the inability to work on other platforms rather than Windows. To fix that, in 2014 Microsoft announced .NET Core: a cross-platform re-build of .NET framework.

.NET Core enabled developers to create apps for other OS like Linux or OS X and install different versions on one device. .NET Core was officially released in 2016. At the same time, .NET kept getting new updates and features that would help it advance and stay preferable by the developers:

- .NET 4.5.2 (August 2014)
- .NET 4.6 (July 2015): new JIT compiler, open source packages, support for both TLS 1.1 and TLS 1.2, better event tracing
- .NET 4.6.1 (November 2015): better performance, better support for Digital Signature algorithm, distributed transactions in Azure SQL DB.

What about Mono?

Mono is an open-source project that is aimed at running the .NET apps across different platforms and offer Linux developers better tools. The thing is Mono is that incorporates parts of .NET Framework – and these are covered by the Microsoft patent (while Mono is free and open-source). So in 2016, Microsoft announced that Mono will be going under a total relicensing – MIT License, to be more specific. MIT is a permissive free software license and for Mono, it means that Microsoft will not assert any patents against companies that interact with Mono (i.e. using, selling, distributing, etc.). Mono is a free elf now.

Summing up

Being released by such a giant as Microsoft, .NET Framework could not be anything else than an awesome tool for developers around the world. While many people wrongly believe that .Net framework is outdated, there are many reasons to remember about .NET in 2019:

- C# is a primary language for Unity – and game developers love Unity. As well, Microsoft developed C# within the .NET initiative.
- .NET Core is faster than Java and shows really good performance
- Visual Studio is a development tool for .NET Framework and is one of the best IDEs in the world

MR. CHIRAG MEHTA
ASST. PROFESSOR

Top 10 Strategic Technology Trends for 2023

1. Digital Immune System
2. Applied Observability
3. AI Trust, Risk and Security Management (AI TRISM)
4. Industry Cloud Platforms
5. Platform Engineering
6. Wireless-Value Realization
7. Superapps
8. Adaptive AI
9. Metaverse
10. Sustainable Technology

MISS. MOHINI PATEL

TEACHING ASSISTANT