

Polash ICT, Manikganj, Dhaka, Bangladesh

# Big data analytics for better life

Better lives means being able to access jobs and income, environmental quality and a good social environment in the places where people live.

#### Darraj Hossain

November 28, 2020, Saturday, Austin, TX



## Agenda

Warmup **About Me** Big data Analytical Model Lab Google FORM Live Demo Exit Ticket & 10 min Break Road map of pilot project Volunteer Sign Up Workshop





















**Project, Developer** of Doctors Prescription Databank Multimedia under Ministry of Science Information & Communications **IT Fair**, Participated in IT Fair in NSU , Notre Dame College, S. University , SAAP Conference











IT Reporting, Optical Fiber & ISP in Satellite TV ATN (Pic1 & Pic2)
IT Lecture, Information Retrieving Process and Career Goal Setup (Village School and College-Pic3 & Pic4)

IT Lecture, Information Retneving Process and Career Goal Setup (Village School and College-Pics & Pic4)
International IT Workshop: Participated on Int. Nationwide Internet Access and Online Application (Pic5)















Write-up: Oracle & IT articles in ICON(3), Computer Bichtra(26), Financial Mirror(20), Dhaka courier(1)& Ittef(1)
Contain Management: BBC, VOA, ETV, BTV, NTV, ATN, HC, CI (Pic5 & Pic6)

















About ME

Exclusive Training, Oracle, Web Technology, HP, Telecommunication, TQM, & BPM,







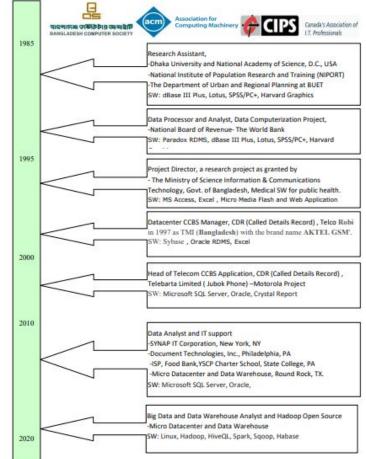






#### Portfolio of Data Analyst skill set



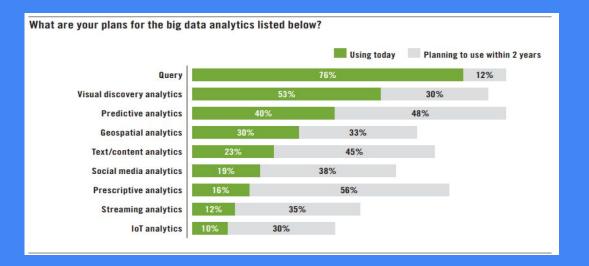


Processor or Virtual Storage		Disk Storage		
1 bit	=Binary digit	•	1 bit	=Binary digit
8 bits	=1 Byte	•	8 bits	=1 Byte
1024 byte	=1 kb	•	1000 byte	=1 kb
1024 kb	=1 mb	•	1000 kb	=1 mb
1024 mb	=1 gb		1000 mb	=1 gb
1024 gb	=1 Terabyte	•	1000 gb	=1 Terabyte
1024 tb	=1 Petabyte	•	1000 tb	=1 Petabyte
1024 pb	=1 Exabyte		1000 pb	=1 Exabyte
1024 eb	=1 Zettabyte	•	1000 eb	=1 Zettabyte
1024 zb	≃1 Yottabyte		1000 zb	=1 Yottabyte
1024 yb	=1 Brontobyte	•	1000 yb	=1 Brontobyte
1024 bb	=1 Geopbyte		1000 bb	=1 Geopbyte

## Big Data Volume, Variety & Velocity

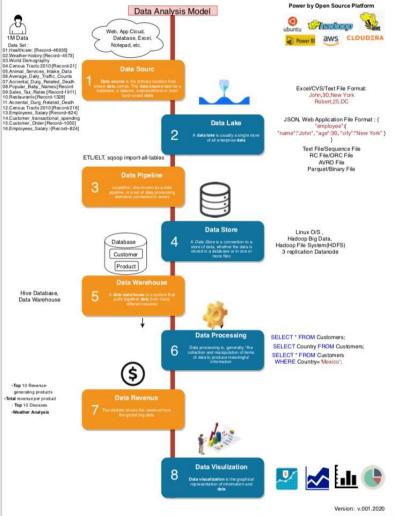
Percentage of respondents ranking the following drivers for big data deployments "extremely important" in their organization or company.





### Big data Analytical Model





#### Lab - Data Analytical Platform





GitHub is a Git repository hosting service, but it adds many of its own features. While Git is a command line tool, GitHub provides a Web-based graphical interface. It also provides access control and several collaboration features, such as a wikis and basic task management tools for every project.



Google Colab is a free cloud service and now it supports free GPU! You can; improve your Python programming language coding skills. develop deep learning applications using popular libraries



Apache Hive is a data warehouse system for data summarization and analysis and for querying of large data systems in the open-source Hadoop platform. It converts SQL-like queries into MapReduce jobs for easy execution and processing of extremely large volumes Dataset



Power BI is a business analytics service by Microsoft. It aims to provide interactive visualizations and business intelligence



Google Forms is a tool that allows collecting information from users through a personalized survey or quiz. The information is then collected and automatically connected to a spreadsheet. The spreadsheet is populated with the survey and quiz response



Microsoft Forms is a simple, lightweight app that lets you easily create surveys, quizzes, and polls. In educational institutions, it can be used to create quizzes, collect feedback from teachers and parents, or plan class and staff activities

Cloud H/W & S/W platform







# **Exit Ticket**



Darrajit@gmail.com







