WEEK-1 (From Dtp3:23:24 to Dt .95:-03:-300.4...)

	ive of the Activity Done: Introduction to Power BI and Data Analytics
Detaile	ed Report: -) Data Analytics is the practice of
****	my data, valutical methods and teling
Joo	by to extract meaningful insight and
m	the decisions accordingly.
7]	he key components of Data Analytics:
D	sta cleaning, Data Analysis, Data visualization
	ou stuerprotation.
-) D	A Jools are software programs, applications
<u> </u>	the other that help professionaly analyse
_a	ata sels to provide insight, predictions
	na decision making information.
- V	ower Bi visualizer the graphy doublingeds.
-0	na pie shatts. It facclifates reports it.
-6	aplained about features of Power BI.
> P.	ower B2 components leve pata view, Poures view
1/0	wer queries, desktop, Power BD services etc.
10p	e first week was focused on understanding
.50	is fundamental of Power BR and the
_us	aportance of data analytics in business
0	esision - making. The week concluded with a
sess	worn on loading and transforming data in Bower BI.

WEEK - 2 (From Dt.0x:01:24) to Dt 11:01:2014.)

Objective of the Activity Done: Data Importing and Mod	elena
Detailed Report: - Data modelling is the realing	relation
-ship extrucen tables by using the Burn	acy key.
- Data insights flow in power BP: Data	
data view and model view for data n	
- touplosed different data connectors area	
in Power B2, such as Excel, SQL data	
and online services.	FE
dearned about ETI l'Entrait, transform	(book,
procen within Power BI.	
- We learned how to clean, reshape a	nd
prepare data using Power Query todat	
The training conceed essential funt	
the fettering, merging and appen	
data sets. Addetionally we were introd	luced
to data modelling concepts such as	uelation.
shops, wardinality and data hierarch	ver.
-) Practiced data modeling techniques	
including weating relationships but	
tabler uning DAN i Data Analytics toxpi	ere oni)
function, and designing calculated	iolumni

WEEK - 3 (From Dt.15-1-24. to Dt .19-04-L024.)

Objective of the Activity Done: Data Visualization using Power BI
Detailed Report: - Learned about various visualization
options quallable in sower BI, including
power shorts, advanced charts, maps and
ustom visuals.
Audied choosing appropriate visualization
dor different data lynes and insights.
The took present in Power Bl. desktop
are Remove whenny, Reduce scows, sorting,
split rolumn, group by, replace realue,
transpose, reverse nowr, wunt nowr, Rename, etc.
I There are two ways for analyzed the data
They are reisualization and statistical.
-) Ih the therd week, the emphasis was on
data seinalization techniques using power 80.
I we explored invous types of charts, granter
and maps that ian he related in Power BG.
to visualize doda insights. We also learned
about untorning virual elements The resim
included best practices for selection the
oright reizualizations based on the time of
AAAAA.

WEEK - 4 (From Dt.) 14. to Dt 24-04-1024.)

Objective of the Activity Done: Advanced Analytics and DAX	
Detailed Report: -) DAX - Data Analytics templessions.	
formula enpression sanguage eved in	
analysis services like Power B2, touch.	
Dax function: Aggregate function, jest	-
durition, Date function, logical durilio	M
counting function, Information functions	
Gompleted adveaned DAX training module	N
covering topics such as time intelligence	,
advanced filtering and content management	w.
Improved the accuracy and efficiency of	of
data modely using advanced DAX.	
we learned how to reate valuated	
when measurer, and justom tables	1
ming DAX.	
The training convered complex DAX function	N
ment intelligence intelling and	
information. We also employed advanted	
analytical techniques like troud and	,
The week ended	,
represent union Doug	
dreven ensights.	

WEEK - 8 (From Dt.19-3-14. to Dt .0) -03-1014.)

Objective of the Activity Done: Jun Ellow and Power B2 service.
Detailed Report: The functions of Power BI includes
All, All No BLANK ROW, calculate, Felter,
Match By, Order by and salculate table.
- Sales - Analytics + Received a dataset repre-
senting sales data from a fectional company
Defined by performance indicators (xp2s)
such as alex grounds, unsomer acquirelion
and perdent performance.
+ Built a sales dashboard to visualize the
KPBs and edentify trends, outlier and
arear for improvement.
Forested a comprehensive rales dashboard
that highlighted weeral business insights.
We learned hous to publish reports to
the Power Bl service, shall Dashbage dr
and sollaborate with beam members
in real- sine.
- Finally the focus of this week was
appliping Power BI shall to a made
world sales analytis rase study.

WEEK - 6 (From Dt.05-08-14 to Dt.09-08-1024.)

	_
Objective of the Activity Done: Report Optimization and Performance T	unis
Detailed Report: -> Explored hest practices for	
managerg large datasets and reduces	ng
memory usage.	THE PARTY NAMED IN COLUMN
-> teasned about Power BE report optimize	whior
techniques, including data reduction,	
efficient use of dasta using DAX and	
query optenization.	
Implemented the overall performate and	
user experience of Power BI reports.	
-) Applied techniques to reduce the size of	
data models without losing ischreat	
information.	
-) The ression also included wase studies	
shouerasing how companier use Power Bo	2
for brussen intellegence, soler analyses	
fenancial reporting and operational	
effeciency. The week focused on ontonico	O ₁
Buer Bi reports for performance and	-
scalabelety. The week verapped up with	
on overview of the upcoming project.	
work.	

WEEK - 7 (From Dt. 12-08-1014.)

Objective of the Activity Done: Assignment of Project work.
Detailed Report: Data Analysis and ilcrualization.
The seventh week marked the begening
of the project phase.
) we started by defeneng the project
scope, objectives, and deliverables.
-) The project sevolved analyzing a
dataset provided by smart Interna,
cleaning and transforming the data,
bueldeng a data model.
-) Our team foursed on identifying the
seey metricer, trends and pattern
that rould dreve bresenen decisions.
The ential reports and dashboards
were readed to vernalize there rements.
using the sich and techniques
learned one the past six weeks.

WEEK - 8 (From Dt.19-08-14. to Dt 13-08-1014.)

Objective of the Activity Done: Analization of Decoject a	vorle.
Detailed Report: Analysation and Presentatio	n·
In the feral week, we completed &	
project by referring our reports as	
dashboards, ensuring they met I	
project requerements.	
- we found on enhaning the s	aual
appeal and usability of the da	And the second second
by adolong enteractive elements	
ensuring the data was accurate	
supresented. The week whowshated	
a presentation to the smart Inter	
team, where we shownased our	
enplained the methodologier used	
demonstrated how the insights is	uld
be applied to solve real business	
-) The project was well received, ma	rhing
a successful conclusion to the ester	whep.
I concluded internship with a de	eper
appreciation for data analytices a	nd
Pouver BP ar a businen Entelligence	Aool.