WEEKLY REPORT WEEK - 1 (From Dt3 1 124 to Dt 5 1 1 24)

Detailed Report: Agenda of data analytics includes,	
	J
understanding the fundamentals of powerB	+
and the importance of data analytics in	
business decision making	
* attended an orientation session on the	
Enternship objectives and deliverables.	
· completed introductory models on fowerB;	
including its interface, key Jeatures and	
capabilitées	1
	1
· learned about the various types of data	1
Sources that can be concerted to power BI	1
. It developed a foundational understanding	-
of power BI	1
· conceled to different data sources and	1
performed basse data cleaning	-
created a simple report showasing basic	1
visualizations such as bar charts and line graphs	-
· Participated in a workship on basic date	2
deoring and transformation techniques.	-

WEEKLY REPORT WEEK-2 (From Dt. 1217124....)

Objective of the Activity Done:
Detailed Report: This week dedicated to mastering
data Emporting and modeling within power BI
explored différent data connections available en
power B1, such as excel, sql database, and
online services.
learning about the ETL (Entract, transform load)
process within power B1
Practiced data modeling techniques, including
creating relationships between tables, using
DAX (Data analysis expressions) functions and
designing calculated columns.
Successfully imported datasets from multiple
Bources into power BI
Built a robust data model with well-defined
relationships
used DAX to weate calculated columns and
measures for enhanced analysis.

WEEKLY REPORT WEEK-3 (From Dt...15 | 7 | 2 4)

Objective of the Actuvity Done: Data Visualization techniques
Detailed Penort:
Detailed Report: This week foured on creating
effective and interactive data visualizations
n power BI
· Studied various visualizations options
available in power BI including advanced
charts, maps and custom visuals.
· Participated in a hands -on sersion to design
Enteractive dashboards with slicers, filters
and drill throughs.
· learned best practices for choosing appropriate
Viscoalizations for different data types and Pasights.
· Designed a comprehensive dashboard featuring
Key natrice using a nin of visuals.
· Implemented Enteracitivity through slivery and
filters to allow were to explore the data
dynomically
· presented the dashboard to peer for
Jeedback

WEEKLY REPORT WEEK-4 (From Dt. 22 1 2 4 To Dt. 26 2 1 2 4 To Dt. 2

Applied time intelligence functions to analyze bende over time.	
our understanding of DAX for advanced data analysis. Completed advanced DAX training modules covering topic such as time intelligence, advanced fittering and context management. Worked on a case study that required created complex measures to calculate year. Over-year growth and volling awages. Collaborated with pears to traubleshoot DAX- related issues in our data models. Developed profiserry in writing complex DAX enpressions. Applied time intelligence functions to analyze bends over time.	Advanced data Analysis with DAX
analysis. Completed advanced DAX training modules covering topic such as time intelligence, advanced filtering and context management. Worked on a case study that required created complex measures to calculate year. Over-year growth and volling awarages. Collaborated with peace to iroubleshoot DAX-related issues in our data models. Developed proficency in writing complex DAX enpressions. Applied time intelligence functions to analyze bends over time.	Detailed Report: This week was dedicated to deepending
Completed advanced DAX training modules covering topic such as time intelligence, advanced filtering and context management. worked on a case study that required created complex measures to calculate year. Over-year growth and volling averages. Collaborated with pears to troubleshoot DAX-related issues in our data models. Developed proficiency in writing complex DAX empressions. Applied time intelligence functions to analyze bends over time.	enderstanding of DAX for advanced date
Settering and context management. Substituting and context management. Worked on a case study that required created complex measures to calculate year. Over-year growth and volling averages. Collaborated with peers to troubleshoot DAX-related issues in our data models. Developed profiserry in writing complex DAX enpressions. Applied time intelligence functions to analyze bends over time.	
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Over-year growth and volling averages. Colloborated with peers to troubleshoot DAX-related issues in our data models. Developed profiserry in writing complex DAX enpressions. Applied time intelligence functions to analyze bends over time.	· worked on a case study that required
DAX-related issues in our data models. Developed profisiency in writing complem DAX expressions. Applied time intelligence functions to analyze bends over time.	Over-year growth and rolling awages.
enpressions. Applied time intelligence functions to analyze brends over time.	
Applied time intelligence functions to analyze brends over time.	· Developed profeserry in writing complex DAX
	· Applied time intelligence functions to analyze
	· Improved the accuracy and efficiency of data models using advanced DAX.

WEEKLY REPORT WEEK-5 (From Dt. 2917124 To Dt. 218124)

Obje	rective of the Activity Done: Real - world case study: sales Analytes
Deta	illed Report: Real - world case study: 3alus Analytus
	This week focused on applying
to	wer BI SHills to a real-world sales analytics
Ca	se study.
	Recircued a dataset representing sales data
-	from a fictional company.
	Defined key performance endicators (Kpls)
	uch as sales growth, customers acquesition.
	nd product performed.
· B	silt a Sales dashboard to visualize the
K	The and Adentity trends, outliers and
03	reas for improvement.
. (5	reated a comprehensive sales darboard
+1	at highlighted rucial burner freights
	used data storyfelling techniques to
Co	municate findings effectively
Re	would positive feedback from mentor
on	the practical application of power RI
Ska	le power ki

Objective of the Activity Done: Report optimization and tuning Detailed Report: This week founded on obtaining
Report obtinization and tuning
Detailed Report:
This week focused on optimiting
paver BI reports for performance and Scalability
· learned about power B1 report oftimization
techniques including data reduction, efficient
use of DAX and guery optimization
· Implemented invienental data represh to
Emprove report load times
· Explored best practices for managing large
databets and reducing nemory curage.
· optimized onlyting reports to load
Jaster and handle large datasets
· Applied techniques to reduce the size of
data models without losing victical
technical information.

Objective of the Activity Done: Project work - Data analysis and Detailed Report:
Detailed Report: This week marked the beginning of
the project phase
· Storted by defining the project scope,
objectives and deter, deliverables
· The project involved analyzing a dataset
provided by smart Interny, cleaning and
model transforming the data, and building a data
· Our team foursed on identifying key
netrices brends and fatterns that could
drive business decisions
· The soiteal reports and dashboards
were created to visualize these insight
using the skills and techniques learned
over the past sin weeks

Objective of the Astrice D
Objective of the Activity Done: Project work - finalization and presentation. Detailed Report:
Detailed Report:
Detailed Report: In this week we completed the
July our reports and dashboards
ensuring they not the project requirements
· we brused on enhancing the visual affect
and usuability of the dashboards by adding
interactive dements and ensuring the data
accorately represented.
· The week culminated with a presentation
to the smart Interno team, where we
Showcased our findings, emplained the
methodlogics used and demostrated how the
insights could be applied to solve real
Dusiness Problems
· The project was well received marking
a successful conclusion to the internship.