Objective of the Activity Done: Introduction to power BI Data analytics Agenda of data analytics includes, Understanding the fundamentals of power BI and the importance of data analytics in business decision making. * attended an Scientation Session on the intership Objectives and deliverables. Completed introductory models on power BI. including its interface, key futures and capabilities learned about the various types of data Sources that can be connected to power BI. It developed a fundational understanding of fower BI. Connected to different data sources and forfamed basic data cleaning. Created a simple nepalt showcasing basic Visualizations such as box chats and line graphs Participated in a usuship on basic data cleaning and transformation techniques.	WEEK - 01	
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cleaning and transformation techniques.		
cleaning and transformation techniques.	participated in a workship on basic data	
	cleaning and transformation techniques.	

	WEEK -02
1	Detailed Report: Thus week dedicated to mastering
	explosed different data connectors available in
	Power BI, Such as excel, SQL, database, and enline services.
	Learning about the ETL (Extract, Transform, load) Process within power BI
	Practiced data modeling techniques, including
	Cheating relationships between tables, using DAX (Data analysis expressions) functions and
	designing calculated columns. Successfully imported datasets from multiple
	Sources into Power BI. Built a Hobust data model with well-defined
3	relationships.
	used DAX to create calculated columns and measures for enhanced analysis.

WEEK-03
Objective of the Activity Done:
Detailed Report: This week pured on creating effective and interactive later visualization techniques
This week bused on custing
ellective and extracte 1t 10 10 0
month data visulizations in
POWER BI.
· Studied vosious visualizations options available
in Private RT including a wanted about many
in Power BI including advanced charts, maps
and lustom visuals.
· Participated in a hands - on session to design
interest letters and all and all and all and
interactive dashboards with slicers, filters.
and doll - throughs.
· Learned best practices for choosing appropriate
o 10 10 10
visualizations for different data types and
insights.
Designed a compsiehensive dashboard featurin
Designed a composehensive dashboard featuring key matrices using a mix of visuals.
Implemented interacitivity through slicers and
filters to allow users to explore the data
dy nomically.
presented the dashboard to peers to
feedback.
Personal Property of the Personal Property of

WEEK-04
Detailed Report: This week was dedicated to deepending
own understanding of DAX. Is advanced data amalysis.
· completed advanced DAX training modules
covering topics such as time intelligence,
advanced filtering and context management
· waked on a case study that neguined
Creating complex measures to calculate year.
Over-year growth and rolling averages.
· Collabolated with peers to broubleshoot.
DAX- related issues in our data models.
Developed Proficiency in writing complex DAX Expressions.
Applied time intelligence functions to analyze trunds over time.
Improved the accuracy and efficiency of
Improved the accuracy and efficiency of data models using advanced DAX.

WEEK-05
Objective of the Activity Done: Real - World (ase Study: Sales Analysis) Detailed Report:
Detailed Report: Heat - World Case Study: Sales Analytics This week focused on applying power
This week focused on applying power
BI Skills to a sual-wild sales analytics
case study.
· Received a dataset supresenting sales data
from a fictional company.
· Delimed key Daylemania 3-18-78 (1.12)
Defined key performance indicators (kpls)
Such as sales growth, justomer acquisition,
and paroduct performance.
· Built a sales dashboard to visualize the
Kpls and identify trunds, outliers, and
areas & improvement.
· Created a comprehensive sales dashboard
that highlighted courcial business insights.
used data strytelling techniques to communicate
10 10 and stageting techniques to communicate
fundings effectively.
findings effectively. Received Positive feedback from ments on
the practical application of power BI skills.
the state of the s

WEEK-06
Detailed Report: Report of timization and twining his week foursed on optimizing
Power BI reports 18 performance and Scalability.
· learned about power BI report optimization techniques, including data suduction, efficient
use of DAX and query optimization. Implemented incremental data refresh to
improve report load times. Explored best practices for managing large
database and reducing membry usage. optimized existing reports to bad paster
and handle larger databasets. Applied techniques to reduce the size of
data models without losing critical information.
TO TOUR !

	WEEK-OT
Obj	ective of the Activity Done: Phoject wak - Data analysis and visualization Thus week marked the beginning of
Deta	ailed Report: This week marked the beginning of
the	project phase.
	Started by defining the project supe.
	Objectives and deter deliverables
	The project involved analyzing a databaset
	Provided by Smart Interny, cleaning and
	transpring the data, and building a data
	model.
	Over team pocused on identifying key matrices
+	Over team focused on identifying key matrices tends and patterns that could drive business
	decisions.
	The initial suports and dashboards were
(reated to visualize have insights, using
H	he skills and techniques learned over the
	past six weeks.
in in	AND THE RESERVE TO STATE OF THE PARTY OF THE

WEEK-08
Objective of the Activity Done: Project work - finalization and presentation Detailed Report: On this week, we completed the
In this week, we lampleted the
Project by sefining our reports and dashboards
ensuring they met the project suggivements.
· we focused on embaning the visual appeal
and usability of the dashboards by adding
interactive elements and ensuring the
data was accurately supresented.
· The week culminated with a presentation
to the smart Interns team, where we
Showcased our findings, explained the
methodogies used, and demostrated how the
insights could be applied to solve real
business puoblems.
Dusiness proportion
The project was well received, morring
The project was well received, marking a successful conclusion to the internship.
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