IBM Data Analyst Professional Certificate

Week	Activities Schedule	Activity Dates	Course	Module No	Module Name	Module Link	No. of Videos	Readin Material	Quiz	Lab	Project	Total Module Time	Total Course Time
	Kick Off Call	**19th June 2023**											
Week 1- Starting w/c 26-Jun-23	Share weekly schedule with learners	26-Jun-23 Mon	**Introduction to Data Analytics**	1	What is Data Analytics	What is Data Analytics	9	3	4			2hr	11hr
	Post 1 on IBM SkillsBuild Community Board	27-Jun-23 Tue		2	The Data Ecosystem	The Data Ecosystem	11	2	4			3hr	
	Poll Questions	27-Jun-23 Tue											
	Relevant News or Business Updates	28-Jun-23 Wed											
	Kahoot Quiz	29-Jun-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	30-Jun-23 Fri		3	Gathering and Wrangling Data	Gathering and Wrangling Data	7	2	4			2hr	
	Progress email to Learners	30-Jun-23 Fri		4	Mining & Visualizing Data and Communicating Results	Mining & Visualizing Data and Communicati	8	2	4			2hr	
	Technical Assistance Support available	Everyday		5	Career Opportunities and Data Analysis in Action	Career Opportunities and Data Analysis in A	7	4	3			2hr	
Week 2- Starting w/c 03-Jul-23	Share weekly schedule with learners	03-Jul-23 Mon	**Excel Basics for Data Analysis**	1	Introduction to Data Analysis Using Spreadsheets	Introduction to Data Analysis Using Spreads	5	1	2	2		2hr	13hr
	Post 1 on IBM SkillsBuild Community Board	04-Jul-23 Tue											
	Poll Questions	04-Jul-23 Tue											
	Relevant News or Business Updates	05-Jul-23 Wed											
	Kahoot Quiz	06-Jul-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	07-Jul-23 Fri											
	Progress email to Learners	07-Jul-23 Fri		2	Getting Started with Using Excel Spreadsheets	Getting Started with Using Excel Spreadshee	5	1	2	2		2hr	
	Technical Assistance Support available	Everyday		3	Cleaning & Wrangling Data Using Spreadsheets	Cleaning & Wrangling Data Using Spreadshe	8	2	4	1		3hr	
Week 3- Starting w/c 10-Jul-23	Share weekly schedule with learners	10-Jul-23 Mon		4	Analyzing Data Using Spreadsheets	Analyzing Data Using Spreadsheets	8	2	4	1		3hr	
	Post 1 on IBM SkillsBuild Community Board	11-Jul-23 Tue											
	Poll Questions	11-Jul-23 Tue											
	Relevant News or Business Updates	12-Jul-23 Wed											
	Kahoot Quiz	13-Jul-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	14-Jul-23 Fri		5	Final Project	Final Project		2			1	3hr	
	Progress email to Learners	14-Jul-23 Fri											
	Technical Assistance Support available	Everyday											
Week 4- Starting w/c 17-Jul-23	Share weekly schedule with learners	17-Jul-23 Mon	**Data Visualization and Dashboards with Excel and Cognos**	1	Visualizing Data Using Spreadsheets	Visualizing Data Using Spreadsheets	5	2	2	1		2hr	9hr
	Post 1 on IBM SkillsBuild Community Board	18-Jul-23 Tue											
	Poll Questions	18-Jul-23 Tue											
	Relevant News or Business Updates	19-Jul-23 Wed											
	Kahoot Quiz	20-Jul-23 Thu		2	Creating Visualizations and Dashboards with	Creating Visualizations and Dashboards with	5	2	4	2		2hr	
	Post 2 on IBM SkillsBuild Community Board	21-Jul-23 Fri		3	Creating Visualizations and Dashboards with Cognos	Creating Visualizations and Dashboards with	4	1	2	3		3hr	
	Progress email to Learners	21-Jul-23 Fri		4	Final Project	Final Project		2			1	2hr	
	Technical Assistance Support available	Everyday											
Week 5- Starting w/c 24-Jul-23	Share weekly schedule with learners	24-Jul-23 Mon	**Python for Data Science, AI & Development**	1	Python Basics	Python Basics	3	1	6	3		2hr	22hr
	Post 1 on IBM SkillsBuild Community Board	25-Jul-23 Tue											
	Poll Questions	25-Jul-23 Tue											
	Relevant News or Business Updates	26-Jul-23 Wed											
	Kahoot Quiz	27-Jul-23 Thu		2	Python Data Structures	Python Data Structures	3		4	4		3hr	
	Post 2 on IBM SkillsBuild Community Board	28-Jul-23 Fri		3	Python Programming Fundamentals	Python Programming Fundamentals	5		6	5		5hr	
	Progress email to Learners	28-Jul-23 Fri											
	Technical Assistance Support available	Everyday											
Week 6- Starting w/c 31-Jul-23	Share weekly schedule with learners	31-Jul-23 Mon		4	Working with Data in Python	Working with Data in Python	6		4	5		6hr	
	Post 1 on IBM SkillsBuild Community Board	01-Aug-23 Tue											
	Poll Questions	01-Aug-23 Tue											
	Relevant News or Business Updates	02-Aug-23 Wed											
	Kahoot Quiz	03-Aug-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	04-Aug-23 Fri											
	Progress email to Learners	04-Aug-23 Fri											
	Technical Assistance Support available	Everyday		5	APIs, and Data Collection	APIs, and Data Collection	7	2	4	5		6hr	
Week 7- Starting w/c 07-Aug-23	Share weekly schedule with learners	07-Aug-23 Mon	**Python Project for Data Science**	1	Crowdsourcing Short squeeze	Crowdsourcing Short squeeze Dashboard	2	8	2	4	1	8hr	8hr
	Post 1 on IBM SkillsBuild Community Board	08-Aug-23 Tue											
	Poll Questions	08-Aug-23 Tue											
	Relevant News or Business Updates	09-Aug-23 Wed											
	Kahoot Quiz	10-Aug-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	11-Aug-23 Fri											
	Progress email to Learners	11-Aug-23 Fri											
	Technical Assistance Support available	Everyday			Dashboard								

Week 8- Starting w/c 14-Aug-23	Share weekly schedule with learners	14-Aug-23 Mon	Databases and SQL for Data Science with Python	1	Getting Started with SQL	Getting Started with SQL	6	2	5	3		3hr	38hr
	Post 1 on IBM SkillsBuild Community Board	15-Aug-23 Tue											
	Poll Questions	15-Aug-23 Tue											
	Relevant News or Business Updates	16-Aug-23 Wed											
	Kahoot Quiz	17-Aug-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	18-Aug-23 Fri											
	Progress email to Learners	18-Aug-23 Fri		2	Introduction to Relational Databases and Tables	Introduction to Relational Databases and Ta	5	1	5	5		5hr	
	Technical Assistance Support available	Everyday											
Week 9- Starting w/c 21-Aug-23	Share weekly schedule with learners	21-Aug-23 Mon		3	Intermediate SQL	Intermediate SQL	7	2	8	8		8hr	
	Post 1 on IBM SkillsBuild Community Board	22-Aug-23 Tue											
	Poll Questions	22-Aug-23 Tue											
	Relevant News or Business Updates	23-Aug-23 Wed											
	Kahoot Quiz	24-Aug-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	25-Aug-23 Fri											
	Progress email to Learners	25-Aug-23 Fri											
	Technical Assistance Support available	Everyday											
Week 10- Starting w/c 28-Aug-23	Share weekly schedule with learners	28-Aug-23 Mon		4	Accessing Databases using Python	Accessing Databases using Python	5	1	9	8		6hr	
	Post 1 on IBM SkillsBuild Community Board	29-Aug-23 Tue											
	Poll Questions	29-Aug-23 Tue											
	Relevant News or Business Updates	30-Aug-23 Wed											
	Kahoot Quiz	31-Aug-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	01-Sep-23 Fri											
	Progress email to Learners	01-Sep-23 Fri											
	Technical Assistance Support available	Everyday		5	Course Assignment	Course Assignment	2	1	1	2	1	5hr	
Week 11- Starting w/c 04-Sep-23	Share weekly schedule with learners	04-Sep-23 Mon		6	Bonus Module: Advanced SQL for Data Engineering	Bonus Module: Advanced SQL for Data Engi	6	3	11	12	1	11hr	
	Post 1 on IBM SkillsBuild Community Board	05-Sep-23 Tue											
	Poll Questions	05-Sep-23 Tue											
	Relevant News or Business Updates	06-Sep-23 Wed											
	Kahoot Quiz	07-Sep-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	08-Sep-23 Fri											
	Progress email to Learners	08-Sep-23 Fri											
	Technical Assistance Support available	Everyday			(Honors)								
Week 12- Starting w/c 11-Sep-23	Share weekly schedule with learners	11-Sep-23 Mon	Data Analysis with Python	1	Importing Datasets	Importing Datasets	6	1	6	1		2hr	12hr
	Post 1 on IBM SkillsBuild Community Board	12-Sep-23 Tue		2	Data Wrangling	Data Wrangling	6	1	6	1		2hr	
	Poll Questions	12-Sep-23 Tue		3	Exploratory Data Analysis	Exploratory Data Analysis	6	1	6	1		2hr	
	Relevant News or Business Updates	13-Sep-23 Wed											
	Kahoot Quiz	14-Sep-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	15-Sep-23 Fri		4	Model Development	Model Development	6	1	6	1		2hr	
	Progress email to Learners	15-Sep-23 Fri		5	Model Evaluation	Model Evaluation	4	2	5	1		2hr	
	Technical Assistance Support available	Everyday		6	Final Assignment	Final Assignment		3	1		1	2hr	
Week 13- Starting w/c 18-Sep-23	Share weekly schedule with learners	18-Sep-23 Mon	Data Visualization with Python	1	Introduction to Data Visualization Tools	Introduction to Data Visualization Tools	6	2	2	2		2hr	18hr
	Post 1 on IBM SkillsBuild Community Board	19-Sep-23 Tue											
	Poll Questions	19-Sep-23 Tue											
	Relevant News or Business Updates	20-Sep-23 Wed											
	Kahoot Quiz	21-Sep-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	22-Sep-23 Fri		2	Basic and Specialized Visualization Tools	Basic and Specialized Visualization Tools	6	2	4	2		3hr	
	Progress email to Learners	22-Sep-23 Fri		3	Advanced Visualizations and Geospatial Data	Advanced Visualizations and Geospatial Dat	6	2	4	2		3hr	
	Technical Assistance Support available	Everyday											
Week 14- Starting w/c 25-Sep-23	Share weekly schedule with learners	25-Sep-23 Mon		4	Creating Dashboards with Plotly and Dash	Creating Dashboards with Plotly and Dash	4	6	6	6		6hr	
	Post 1 on IBM SkillsBuild Community Board	26-Sep-23 Tue											
	Poll Questions	26-Sep-23 Tue											
	Relevant News or Business Updates	27-Sep-23 Wed											
	Kahoot Quiz	28-Sep-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	29-Sep-23 Fri											
	Progress email to Learners	29-Sep-23 Fri											
	Technical Assistance Support available	Everyday		5	Final Project and Exam	Final Project and Exam		1			1	4hr	
Week 15- Starting w/c 02-Oct-23	Share weekly schedule with learners	02-Oct-23 Mon	IBM Data Analyst Capstone Project	1	Data Collection	Data Collection	1	7	7	5		8hr	20hr
	Post 1 on IBM SkillsBuild Community Board	03-Oct-23 Tue											
	Poll Questions	03-Oct-23 Tue											
	Relevant News or Business Updates	04-Oct-23 Wed											
	Kahoot Quiz	05-Oct-23 Thu											
	Post 2 on IBM SkillsBuild Community Board	06-Oct-23 Fri											
	Progress email to Learners	06-Oct-23 Fri											
	Technical Assistance Support available	Everyday		2	Data Wrangling	Data Wrangling		7	5	6		2hr	
Week 16- Starting w/c 09-Oct-23	Share weekly schedule with learners	09-Oct-23 Mon		3	Exploratory Data Analysis	Exploratory Data Analysis		5	3	4		2hr	
	Post 1 on IBM SkillsBuild Community Board	10-Oct-23 Tue											
	Poll Questions	10-Oct-23 Tue		4	Data Visualization	Data Visualization		10	4	9		2hr	
	Relevant News or Business Updates	11-Oct-23 Wed		5	Building A Dashboard	Building A Dashboard		2		1	1	2hr	
	Kahoot Quiz	12-Oct-23 Thu		6	Final Assignment: Present Your Findings	Final Assignment: Present Your Findings	2	4	1	3	1	4hr	
	Post 2 on IBM SkillsBuild Community Board	13-Oct-23 Fri											
	Progress email to Learners	13-Oct-23 Fri											
	Technical Assistance Support available	Everyday											