

Week #	Day #	Milestone Name	Skill
1	1	Database Fundamentals & Softskills	SQL
	2		SQL
	3		SQL
	4		SQL
	5		SQL
2	6		DBMS & Data Model
	7		DBMS & Data Model
	8		DW Basics
	9		ETL Concepts
	10		ETL Concepts

3	11	Data Warehouse Fundamentals, Unix and Shell Scripting & Soft Skills	Unix and Shell scripting
	12		Unix and Shell scripting
	13		Unix and Shell scripting
	14		DW Testing
	15		DW Testing
4	16	Python & Softskills	Python
	17		Python
	18		Python
	19		Python
	20		Python
5	21	XML, JSON and Cloud fundamentals	XML Fundamentals
	22		Json Fundamentals
	23		Cloud Fundamentals

	24		Cloud Fundamentals
	25		Cloud Fundamentals
6	26	Qualifier	Qualifier
	27	Qualifier	Qualifier
	28	Talend	Talend
	29		Talend
	30	Project	Project
	31		Project
7	32	Talend	Talend
	33		Talend
	34	Project	Project
	35		Project
	36	Talend	Talend
	37		Talend
	38	Project	Project

8	39	BigData Fundamentals	BigData Fundamentals
	40		BigData Fundamentals
9	41	BigData Fundamentals	BigData Fundamentals
	42		BigData Fundamentals
	43	Project	Project
	44		Project
	45		Project
	46		Project
10	47		Project
	48	Final Evaluation	
	49		
	50		

F
9 am - 11 am
Self-Paced Learning <b>SQL for Beginners: Learn SQL using MySQL and Database Design</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49025">https://cognizant.tekstac.com/mod/udemy/view.php?id=49025</a>
Self-Paced Learning <b>Relational Database Design</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49021">https://cognizant.tekstac.com/mod/udemy/view.php?id=49021</a>
BH Training
Self-Paced Learning <b>Relational Database Design</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49021">https://cognizant.tekstac.com/mod/udemy/view.php?id=49021</a>
BH Training
Self-Paced Learning <b>Data Modeling and Relational Database Design using Erwin</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49035">https://cognizant.tekstac.com/mod/udemy/view.php?id=49035</a>
Self-Paced Learning <b>Data Modeling and Relational Database Design using Erwin</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49035">https://cognizant.tekstac.com/mod/udemy/view.php?id=49035</a>
BH Training
Self-Paced Learning <b>ETL (Extract, Transform, and Load) Process in Data Warehouse</b> <a href="https://www.guru99.com/etl-extract-load-process.html">https://www.guru99.com/etl-extract-load-process.html</a>
BH Training

Self-Paced Learning

**Bash Scripting and Shell Programming (Linux Command Line)**

<https://cognizant.tekstac.com/mod/udemy/view.php?id=49183>

Self-Paced Learning

**Bash Scripting and Shell Programming (Linux Command Line)**

<https://cognizant.tekstac.com/mod/udemy/view.php?id=49183>

BH Training

Self-Paced Learning

BH Training

Self-Paced Learning

**Python for Beginners: Learn Python Programming (Python 3)**

<https://cognizant.tekstac.com/mod/udemy/view.php?id=49802>

Self-Paced Learning

**Python for Beginners: Learn Python Programming (Python 3)**

<https://cognizant.tekstac.com/mod/udemy/view.php?id=49802>

BH Training

Self-Paced Learning

**Complete Python Programming Masterclass Beginner to Advanced**

<https://cognizant.tekstac.com/mod/udemy/view.php?id=48951>

BH Training

Self-Paced Learning

**XML and XML schema definition in easy steps**

<https://cognizant.tekstac.com/mod/udemy/view.php?id=52272>

Self-Paced Learning

**JSON - Beginners Guide to learning JSON with JavaScript**

<https://cognizant.tekstac.com/mod/udemy/view.php?id=52273>

BH Training

Self-Paced Learning <b>Introduction to Cloud Computing on AWS for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52277">https://cognizant.tekstac.com/mod/udemy/view.php?id=52277</a>
BH Training
BH Training
Self-Paced Learning <b>TALEND SESSION 2 [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=94029">https://cognizant.tekstac.com/mod/clearn/view.php?id=94029</a>  <b>TALEND SESSION 3 [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=94030">https://cognizant.tekstac.com/mod/clearn/view.php?id=94030</a>
BH Training
Project
Self-Paced Learning <b>TALEND SESSION 4 [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=94031">https://cognizant.tekstac.com/mod/clearn/view.php?id=94031</a>
BH Training
Project
BH Training
Conceptual Facilitation
Self-Paced Learning Learnings from Talend academy portal
BH Training

Self-Paced Learning <b>BigData_Topic1_Introduction to BigData [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48865">https://cognizant.tekstac.com/mod/clearn/view.php?id=48865</a>  <b>BigData_Topic2_MapReduce [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48867">https://cognizant.tekstac.com/mod/clearn/view.php?id=48867</a>  <b>BigData_Topic2_HDFS and MapReduce [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48868">https://cognizant.tekstac.com/mod/clearn/view.php?id=48868</a>
BH Training
Self-Paced Learning <b>BigData_Topic6_KAFKA [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48880">https://cognizant.tekstac.com/mod/clearn/view.php?id=48880</a>  <b>BigData_Topic7_NoSQL &amp; Hbase [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48882">https://cognizant.tekstac.com/mod/clearn/view.php?id=48882</a>
Self-Paced Learning <b>BigData_Topic 9_Spark-Part 2 [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48889">https://cognizant.tekstac.com/mod/clearn/view.php?id=48889</a>  <b>BigData_Topic 10_Data Streaming with SPARK [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48891">https://cognizant.tekstac.com/mod/clearn/view.php?id=48891</a>
Project
Project
Project
Project
Project



Talend - Handbook	
N	
11 am - 1 pm	1 pm - 2 pm
Doubt Clarification	Lunch Break
Self-Paced Learning <b>SQL for Beginners: Learn SQL using MySQL and Database Design</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49025">https://cognizant.tekstac.com/mod/udemy/view.php?id=49025</a>	Lunch Break
Doubt Clarification	Lunch Break
Self-Paced Learning <b>SQL for Beginners: Learn SQL using MySQL and Database Design</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49025">https://cognizant.tekstac.com/mod/udemy/view.php?id=49025</a>	Lunch Break
Doubt Clarification	Lunch Break
Doubt Clarification	Lunch Break
Self-Paced Learning <b>Data Modeling and Relational Database Design using Erwin</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49035">https://cognizant.tekstac.com/mod/udemy/view.php?id=49035</a>	Lunch Break
Doubt Clarification	Lunch Break
Self-Paced Learning <b>ETL (Extract, Transform, and Load) Process in Data Warehouse</b> <a href="https://www.guru99.com/etl-extract-load-process.html">https://www.guru99.com/etl-extract-load-process.html</a>	Lunch Break
Doubt Clarification	Lunch Break

Doubt Clarification	Lunch Break
Self-Paced Learning <b>Bash Scripting and Shell Programming (Linux Command Line)</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49183">https://cognizant.tekstac.com/mod/udemy/view.php?id=49183</a>	Lunch Break
Doubt Clarification	Lunch Break
Self-Paced Learning	Lunch Break
Doubt Clarification	Lunch Break
Doubt Clarification	Lunch Break
Self-Paced Learning <b>Complete Python Programming Masterclass Beginner to Advanced</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=48951">https://cognizant.tekstac.com/mod/udemy/view.php?id=48951</a>	Lunch Break
Doubt Clarification	Lunch Break
Self-Paced Learning <b>Complete Python Programming Masterclass Beginner to Advanced</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=48951">https://cognizant.tekstac.com/mod/udemy/view.php?id=48951</a>	Lunch Break
Doubt Clarification	Lunch Break
Doubt Clarification	Lunch Break
Doubt Clarification	Lunch Break
Self-Paced Learning <b>Introduction to Cloud Computing on AWS for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52277">https://cognizant.tekstac.com/mod/udemy/view.php?id=52277</a>	Lunch Break

Doubt Clarification	Lunch Break
Self-Paced Learning <b>Introduction to Cloud Computing on AWS for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52277">https://cognizant.tekstac.com/mod/udemy/view.php?id=52277</a>	Lunch Break
<b>QUALIFIER ASSE</b>	
Self-Paced Learning <b>TALEND TOPIC 1-TALEND DATA INTEGRATION BASICS-PART 1 [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=94026">https://cognizant.tekstac.com/mod/clearn/view.php?id=94026</a>  <b>TALEND TOPIC 1 -TALEND DATA INTEGRATION BASICS-PART 2 [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=94027">https://cognizant.tekstac.com/mod/clearn/view.php?id=94027</a>  <b>TALEND SESSION 1 [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=94028">https://cognizant.tekstac.com/mod/clearn/view.php?id=94028</a>	Lunch Break
Doubt Clarification	Lunch Break
Project	Lunch Break
Project	Lunch Break
Doubt Clarification	Lunch Break
Self-Paced Learning Learnings from Talend academy portal	Lunch Break
Project	Lunch Break
Project	Lunch Break
Self-Paced Learning Learnings from Talend academy portal	Lunch Break
Doubt Clarification	Lunch Break
Project	Lunch Break

Self-Paced Learning <b>BigData_Topic3_YARN [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48870">https://cognizant.tekstac.com/mod/clearn/view.php?id=48870</a>  <b>BigData_Topic3_SQOOP [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48871">https://cognizant.tekstac.com/mod/clearn/view.php?id=48871</a>	Lunch Break
Doubt Clarification	Lunch Break
Self-Paced Learning <b>BigData_Topic8_Scala-Part 1 [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48884">https://cognizant.tekstac.com/mod/clearn/view.php?id=48884</a>  <b>BigData_Topic8_Scala-Part 2 [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48885">https://cognizant.tekstac.com/mod/clearn/view.php?id=48885</a>	Lunch Break
Self-Paced Learning <b>BigData_Topic 11_Handling Fast Data with Apache Spark SQL and Streaming [101-BASICS]</b> <a href="https://cognizant.tekstac.com/mod/clearn/view.php?id=48893">https://cognizant.tekstac.com/mod/clearn/view.php?id=48893</a>	Lunch Break
Project	Lunch Break
Project	Lunch Break
Project	Lunch Break
Project	Lunch Break
Project	Lunch Break

**Final Evaluation**

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AN
2 pm - 4 pm
<p>Hands-On</p> <ul style="list-style-type: none"> <li>• Create Booking Table</li> <li>• Create town Table</li> <li>• Alter Manager Table</li> </ul>
<p>Hands-On</p> <ul style="list-style-type: none"> <li>• Update Booking price</li> <li>• Customer Details Based on Gmail Account</li> <li>• Cake name with first letter 'C'</li> </ul>
<p>Hands-On</p> <ul style="list-style-type: none"> <li>• Order details based on month</li> <li>• Display Minimum price</li> </ul>
<p>Hands-On</p> <ul style="list-style-type: none"> <li>• Display Manager Details</li> <li>• Display Order and cake details</li> </ul>
<p>Hands-On</p> <ul style="list-style-type: none"> <li>• Number of Places in each Town</li> </ul>
<p>Hands-On</p> <ul style="list-style-type: none"> <li>• Display cake name that is not ordered</li> <li>• Guest details based on their stay</li> <li>• Guest Details based on date</li> </ul>
<p>Extended H</p> <p>CL - ICT &lt;SQL&gt;&lt;ATKD</p> <p>Qui</p> <p>Quiz 2 - AI</p>
<p>Self-Paced Learning</p> <p><b>Data Warehouse Fundamentals for Beginners</b></p> <p><a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49166">https://cognizant.tekstac.com/mod/udemy/view.php?id=49166</a></p>
Business Mentor Connect
<p>Self-Paced Learning</p> <p><b>ETL (Extract, Transform, and Load) Process in Data Warehouse</b></p> <p><a href="https://www.guru99.com/etl-extract-load-process.html">https://www.guru99.com/etl-extract-load-process.html</a></p>

Hands-On <ul style="list-style-type: none"> <li>• Directory Creation - 1</li> <li>• Copy File 1</li> <li>• File Permission 2</li> <li>• File Permission 3</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Word Search</li> <li>• Redirect Command - 1</li> <li>• Tail Command - 1</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Script to Check Permission</li> <li>• Script to Count</li> <li>• Shellsript3</li> </ul>
Self-Paced Learning
Self-Paced Learning
Hands-On <ul style="list-style-type: none"> <li>• Welcome Message</li> <li>• Ice Cream Shop</li> <li>• Satellite</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Pistol Shooting</li> <li>• Prime Factor</li> <li>• Window seat or not</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Display bars</li> <li>• Lucky Number</li> </ul>
Business Mentor Connect
Hands-On <ul style="list-style-type: none"> <li>• Monthly Expense- Operator overloading</li> <li>• Password Generator</li> </ul> Quiz Quiz 1 - Python
Self-Paced Learning <b>XML and XML schema definition in easy steps</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52272">https://cognizant.tekstac.com/mod/udemy/view.php?id=52272</a>
QUALIFIER MOCK
Self-Paced Learning <b>Introduction to Cloud Computing on AWS for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52277">https://cognizant.tekstac.com/mod/udemy/view.php?id=52277</a>

Self-Paced Learning <b>Introduction to Cloud Computing on AWS for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52277">https://cognizant.tekstac.com/mod/udemy/view.php?id=52277</a>
Self-Paced Learning <b>Introduction to Cloud Computing on AWS for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52277">https://cognizant.tekstac.com/mod/udemy/view.php?id=52277</a>
<b>ASSESSMENT</b>
Guided Practice
Business Mentor Connect
Project Doubt Clarification
Project
Hands-On Talend_mandatory exercises
Guided Practice
Project
Project Doubt Clarification
Hands-On Talend_mandatory exercises
Guided Practice
Project Doubt Clarification

Business Mentor Connect

Self-Paced Learning

**BigData\_Topic4\_HIVE\_Part1 [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=49487>

Self-Paced Learning

**BigData\_Topic8\_Scala-Part 3 [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48886>

Self-Paced Learning

**Bigdata\_Topic 12\_Spark streaming\_Practical Session \_Part 1 [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48895>

**Bigdata\_Topic 12\_Spark streaming\_Practical Session \_Part 2 [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48896>

Project

Project

Project Doubt Clarification

Project

Project Doubt Clarification



4 pm - 6 pm
Hands-On <ul style="list-style-type: none"> <li>• Insert Records into Manager Table</li> <li>• Insert Records into Guest Table</li> <li>• Update Revised Cabincost</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Order details based on date</li> <li>• Customer Contact_Info</li> <li>• Cake Password Generation</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Total Price and Average Price</li> <li>• Review with Guest Details</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Order Details with total amount</li> <li>• Display booking Details based on date</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Number of Guest in each Resort</li> </ul> Quiz Quiz 1 - Database concepts
Hands-On <ul style="list-style-type: none"> <li>• Display Maximum order</li> <li>• Guest details who make more than 1 booking</li> <li>• Cake Order Details</li> </ul>
ands-On: W333><SBA><TT> iz NSI SQL
Self-Paced Learning <b>Data Warehouse Fundamentals for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=49166">https://cognizant.tekstac.com/mod/udemy/view.php?id=49166</a> Quiz Quiz 1 - Data Warehousing
Self-Paced Learning <b>ETL (Extract, Transform, and Load) Process in Data Warehouse</b> <a href="https://www.guru99.com/etl-extract-load-process.html">https://www.guru99.com/etl-extract-load-process.html</a>
Self-Paced Learning <b>ETL (Extract, Transform, and Load) Process in Data Warehouse</b> <a href="https://www.guru99.com/etl-extract-load-process.html">https://www.guru99.com/etl-extract-load-process.html</a> Quiz Quiz 2 - ETL

Hands-On <ul style="list-style-type: none"> <li>• List Names</li> <li>• Count Files</li> <li>• Pattern Search</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Tail Command – 2</li> <li>• Grep Command - 3</li> <li>• Script to Change Permission</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• ShellScripting</li> <li>• Script - Pattern Printing</li> </ul>
Self-Paced Learning
Self-Paced Learning
Hands-On <ul style="list-style-type: none"> <li>• Vaccine Details</li> <li>• Salary Percentage</li> <li>• Electricity Bill</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Manager's FeedBack</li> <li>• Student Credentials Creation</li> <li>• State-wise Enrollment</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Number Seperator - RE</li> <li>• Walk-in Interview - Exception Handling</li> </ul>
Hands-On <ul style="list-style-type: none"> <li>• Book Details - Classes and Object</li> <li>• Maintain Project Information - Inheritance</li> </ul>
Extended Hands-On CL - ICT <Python><ATHPL064027><KBA><TT>
Self-Paced Learning <b>XML and XML schema definition in easy steps</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52272">https://cognizant.tekstac.com/mod/udemy/view.php?id=52272</a>
Self-Paced Learning <b>JSON - Beginners Guide to learning JSON with JavaScript</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52273">https://cognizant.tekstac.com/mod/udemy/view.php?id=52273</a>
Self-Paced Learning <b>Introduction to Cloud Computing on AWS for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52277">https://cognizant.tekstac.com/mod/udemy/view.php?id=52277</a>

Self-Paced Learning <b>Introduction to Cloud Computing on AWS for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52277">https://cognizant.tekstac.com/mod/udemy/view.php?id=52277</a>
Self-Paced Learning <b>Introduction to Cloud Computing on AWS for Beginners</b> <a href="https://cognizant.tekstac.com/mod/udemy/view.php?id=52277">https://cognizant.tekstac.com/mod/udemy/view.php?id=52277</a>
Hands-On Talend_mandatory exercises
Hands-On Talend_mandatory exercises
Project
Project
Hands-On Talend_mandatory exercises
Hands-On Talend_mandatory exercises
Project
Project
Hands-On Talend_mandatory exercises
Hands-On Talend_mandatory exercises Quiz Quiz 1 - Talend
<b>Interim Evaluation</b>

Self-Paced Learning

**BigData\_Topic3\_SQOOP-Part-1 [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48872>

**BigData\_Topic3\_SQOOP-Part-2 [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48873>

Self-Paced Learning

**BigData\_Topic4\_HIVE\_Part2 [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48876>

**BigData\_Topic5\_PIG [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48878>

Self-Paced Learning

**BigData\_Topic 9\_Spark-Part 1 [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48888>

Self-Paced Learning

**Bigdata\_Topic 13\_Hadoop Solution stack**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48898>

**Bigdata\_Topic 14\_Hadoop Solution discussion- Real Time [101-BASICS]**

<https://cognizant.tekstac.com/mod/clearn/view.php?id=48900>

Quiz

Quiz 1 - BigData

Project

Project

Project

Project

Project