



POWER PLATFORM DEVELOPER

STEP BY STEP APPROACHES TO BECOME A SUCCESSFUL POWER PLATFORM DEVELOPER



Choos your desired course



Resgister as a student



Add free Demo Session & 5- day Free session



Continue Learning by Paying



Interview Preparation & Become a job ready

WHAT YOU WILL GET AFTER COMPLETION OF THIS COURSE



Course Completion certificate



Bulding an impressive LINKEDIN and NAUKRI Profile



Client handling Techniques



Resume Forwarding to Recruitment Team & Support till you get Interview Calls



Building an Impressive ATS Friendly Resume



Interview Preparation Tips and Mock Interviews



Interview Preparation Tips and Soft Skills and Corporate Office Etiquette's



LMS Platform Access for 365 Days (All Recorded Sessions)



Attend 1 Week Free Sessions



100% Job Assistance

Course Curriculum

Power Apps



Power Bi



Power Virtual Agents



Power Pages



Power Automate



Power AI Builder



Dataverse



Power Platform



Power FX



Copilot Studio



About KSR Datavizon

Welcome to KSR Datavizon, we are your one-stop solution for all trending technologies. We provide in-depth knowledge about all trending courses with 100% placement guaranteed. You also will get hands-on demonstrations, interactive live sessions to learn and grow more on current trending courses like AI, Machine Learning, Data Science, Cloud Computing, Full stack Development, Cyber Security, Credit Risk modelling, DevOps, Azure,AWS, PowerBi, Web Development, Data Engineer, ADF, MSBI and Snowflakes and many more

You also get career guidance, soft skills sessions and resume building and all other interview tips to get settled in your dream career.

Getting Started with Power Platform Developer



About Power Platform

Looking for new career growth opportunities in IT and willing to develop applications? Having a fear of Coding? By 2025, 70% of new applications developed by enterprises will use low-code or no-code technologies, up from less than 25% in 2020. (Gartner)* Visual Path's Power Platform Program enables non-tech professionals to successfully advance into a new career path in low-code no-code application development using Microsoft Power Platform. Together let's kill your coding fear with our training program on Power Platform

About Power Platform

- 1.What is Microsoft D365 & Power Platform
- 2.Environment
- 3.SharePoint
- 4.One drive
- 5.Licensing & Setting Power app account.
- 6.PL-900 Certification



**END TO END ROAD MAP ON
POWER PLATFROM
DEVELOPER**

Click the Link

Modules :1

Introduction to Microsoft Power Apps



Power Apps

1. Power Apps Studio

- a. Screens
- b. Controls
- c. Data
- d. Media
- e. App Checker
- f. Save, publish and share



User Interface (UI) Elements

- Changing control properties
- Adding functions to controls
- Text Label and Text input
- Image, audio and video controls
- Buttons, shapes and icons
- Checkbox, Toggle and Date picker
- Timer, slider and rating
- Dropdown, list box, combo box and radio
- Naming conventions



Importance of HTML in Power Apps

- Use cases with CSS to beautify Power Apps



Customizations for UI elements

- Actions like On Select, On Change, etc.
- Colors
- Display Mode
- Tooltip
- Visibility



Dynamically changing control properties at run-time

- Enable save button when Text input value changes
- Disable/enable Text input by clicking a checkbox



Power Apps

Local and global Variables



- Accessing contextual variables in other screens



Collections



- Logical and comparison operators
- Filter, search and sort collection
- Inserting item into a collection
- Updating single record in a collection using patch function
- Deleting a record from collection
- Working with Aggregation functions



Working with Gallery and Data Table



- Horizontal and vertical gallery
- Show item selected in gallery
- Show multiple items in one row in gallery using special property
- Display total items present in gallery
- Use collection in gallery
- Gallery vs data table



Connect with various data sources like Data verse/SharePoint/Microsoft Lists (based on availability)

Edit form and display form controls for create/read/update data to data source



- Difference between edit form and display form
- Show success/error message to users based on the operation
- Use only one form for create/update scenario
- Get last submitted record to data source



Power Apps

Delegation



- True meaning of delegation
- Advantages
- How to find if some function is delegable or not



Pop-up using container control



App objects



- Execute code when app is launched
- Decide screen of the app when app is launched

Power Apps versioning and how to set version as live

Component



Solution:



- Unmanaged and managed solution
- Deployment (based on availability of another environment)



Optimization tips for Power Apps



- Environment type
- Environment URL
- GUID

Power Platform Admin Center overview



Power Apps

Using Canvas Apps in Mobiles and Tabs

Responsive Power apps



- Mini Application on Power app





Power BI

About Microsoft Power BI

Microsoft Power BI is considered as the leader amongst the Business Intelligence platforms, way ahead of other industry giants. With seamless integration with other Microsoft products, Power BI gives organizations easy access to connect to various data sources, crunch-numbers, prepare, view, and publish interactive dashboards. Power BI comes with Power Query and Data Modeling capabilities that allow users to clean, reshape, transform and link data from various sources with just a click.

Key takeaways from the Course

- Learn about the features of Power BI and explore how can it be integrated into the current business intelligence framework
- Know about some key concepts specific to Power BI (measures and calculated columns) for performing your tasks
- Create your first interactive business intelligence dashboard with Power BI
- Storytelling and data security using PowerBI
- Learn about transforming the data with Power Query in PowerBI



Power Bi

Introduction



- Introduction to Reporting
- What is Power BI?
- Sign in / Account



Power BI Desktop



- Charts
- Filters
- Relationships



DAX



- Measures
- Calculated columns
- Date Functions / Time intelligence
- Filter and Table level Functions



Power BI Query



- Column Level options
- Data Cleaning
- Merge / Append
- Data Sources



Power BI Service



- Workspace
- Dashboard
- Report Sharing
- Gateway
- Data Refresh

Module-2



Power Automate

Introduction to Power Automate



- Create your first flow



Types of flows



- Manual
- Automated
- Recurrence



Types of Variables



- Initialize variable and set variable
- Increment/Decrement variable
- Append to string variable
- Append to array variable
- Object and Array of objects



Expressions



- Get first and last element from array
- Get specific record from array based on position
- Get specific property of specific record from array
- Array out of bounds scenario and how to avoid

- **Run history of flow and how to download logs**
- **Create Power Automate Workflows from scratch**
- **Connect to Data verse list records Understand JSON structure in output**
- **Apply to each vs select vs filter**

Course curriculum



Power Automate

Create HTML table and send email



- Use CSS to style table in email



- Trigger conditions to minimize flow runs
- Call flow from Power Apps and respond to Power Apps from flow
- Optimization tips for flow
- Error handling
- Terminate flow
- Expressions in Power automate
- Building a Microsoft Forms Flow – Switch
- Certificate or any Word Document generator
- Dataverse and Share point Triggers
- Building a SharePoint Library Flow – Do Until
- Use Power Automate Modern Approvals Building a Microsoft Outlook Flow – Apply to Each
- Building a OneDrive Flow – Convert File
- Building a Microsoft Forms Flow – Switch
- Microsoft Teams Adaptive Cards
- Button Types and Instant Flows,
- Mobile Buttons
- Connecting Power Automate to PowerApps
 - Mini Application on Power automate



Module-3

Model Driven Application



- Creating a SharePoint database
- Creating Dataverse Data base
- Environment , Solution in Dataverse
- Tables,Columns,forms etc in Dataverse
- Relationships ,
- Business rules ,
- Business Process flow (BPF)
- Views, Processes, Customizations in Dataverse
- Mini Application on MDA

Module-4

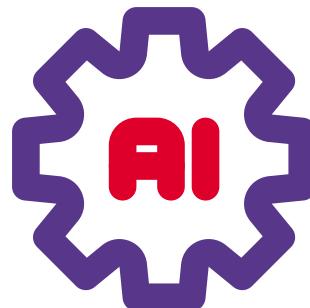
Power Virtual Agents

Power Virtual Agents



- Creating a SharePoint database
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AI Models in Power Platform



ADD-ONS

Robotic Process Automation & Power Automate Desktop



- Introduction to RPA
- Introduction to Power automate Desktop (PAD)
- Licensing & Setting PAD account
- Desktop automation with PAD
- Windows automation with PAD
- Conclusion

Microsoft Fabric



Introduction to Microsoft Fabric Over View of Components in Fabric



- Data engineering in Microsoft Fabric
- Data Factory in Microsoft Fabric
- Dataflows
- Data pipelines
- Data Science in Microsoft Fabric
- SynapseML

- **3 Mini Projects**
- **Exploring to Current trends**
- **Interview Guidance**
- **Interview Questions**
- **Hands ON Experience**
- **PL-900 Certification Guidance**

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**Mr .Nishith**

Data analyst

**Ms .Deepthi**

Data analyst

**Mr .Devendra Reddy**

Snowflake Developer



Actionable Insights • Accurate Decisions

HIRING COMPANY



Microsoft

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