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Microsoft Office 365 Integration and Teamwork

Online or On-site, classroom training - 8 hours, \$225 Everyone receives a workbook with live training

Office 365

Sign-in, understanding different account types, overview of apps and what the apps accomplish

Outlook

Filters and find, adding signature, out of office auto reply, create folders, connect to OneDrive, calendars, groups, meetings, contacts in People app

OneDrive for Business

Unshared documents, saving documents, sharing documents, sync on computer, upload and download files, organize folders

SharePoint

Sharing documents, calendar, discussion boards, add apps, shared settings, working concurrently with coworkers

Teams

Create new team, add members to team, channels, audio and video chat, share files, share screen, install Apps, At Mention

OneNote

Create and delete notebooks, pages, tables, formatting, adding pictures, audio and video, background graphics, tagging notes, export to PDF

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Adobe Acrobat Pro DC PDF

Online or Laptops provided with on-site, classroom training - 8 hours, \$225 Everyone receives a workbook with live training

Why and how to use PDF

Recent documents

Find and Advanced Search

Convert Word, PowerPoint, Excel files into PDFs

Create PDF from Microsoft Office documents

Export to Word, Excel and PowerPoint

Print to PDF

Create multiple PDFs

Combine files and PDFs

Editing text in scanned documents

Hyperlinks to other pages in PDF and to websites Bookmarks to places in

PDF

Making sticky notes

Highlight text

Inserting and editing pictures

Header and footer

Watermark

Compare two versions of a PDF to find differences Create, fill, sign and send

forms

Share PDFs to view, review, sign and track changes

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Fundamentals Microsoft Office – Online or laptops are provided to use on-site 8 hours, \$225 Everyone receives a workbook with live training

Windows:

Navigating in Windows, making new folders and sub-folders Using the File Explorer for shared and computer drives

Excel:

Create a basic spreadsheet
Make a chart to put in PowerPoint
Select, copy, paste
Save as a new file and as a PDF

PowerPoint:

Templates, putting charts into presentation
How to create a simple slide show
How to take, edit and save screenshots on your computer
How to share your presentation
How to present a PowerPoint show
Recognize file extensions
Insert text, pictures, tables, videos of production processes
Format backgrounds and styles
Change font size and titles
Transitions, Animations and Running a Slide Show

Word:

Search for documents on computer Make a word document Print Format Insert text, pictures, tables

Outlook:

New email message to multiple recipients
Open and add attachment
Setting and accepting meeting requests
Sort and categorize emails by sender and by date
Signature line

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Foundation Microsoft Excel – Online or laptops are provided to use on-site

8 hours, \$225

Everyone receives a workbook with live training

Developing a Workbook

Menus

Save in PDF format

Password Protection

Insert rows and sheets

Rename and delete sheets

Moving and sheet colors

Borders

AutoFit columns

Navigate

Name box

Shortcuts

Zoom

Custom Header/Footer

Charts and Sparklines

Watermark for printing

Formulas

Autofill

Remove Duplicates

Quick Access Toolbar

Customize Ribbon Tabs

Customize status bar

Paste Special & Transpose

Number Formatting

Hide columns and rows

Print & Formatting

Page Layout and Margins

Comments

Hyperlinks

Custom cell styles

Freeze data

Split Frames

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Microsoft Excel Pivot Tables, Pivot Charts and Macros Online

or laptops are provided to use on-site

8 hours, \$225

Everyone receives a workbook with live training

1) Charts:

Filter/Sort, make tables out of data

Column, Bar, Line, Waterfall, Gantt, Pareto, Scatter, Control Charts

Excel templates, chart templates, snapshot in time charts

Sparklines

3D Maps

Labels

Data callouts

KPI (Key Performance Indicators)

Forecast sheet

Goal seek

Scenario Manager

Password Protection

2) PivotTables and PivotCharts:

Tables: why to use, naming, formatting

PivotTables: KPIs, filling in headings, clearing filters, copying

Cube functions: pointing to other Pivot Tables

Sum, count, average, min, max of data in PivotTables

Pivot Charts

Slicers

Date Slider

3) Macros:

Developing a macro, macro enabled workbooks

Absolute vs Use Relative References in Macros

Macros to copy, paste, filter, sort, make charts

Macro shortcuts

Writing simple VBA code

Debugging VBA

Using macros in different Excel files

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Advanced Formulas Microsoft Excel – Online or laptops are provided to use on-site

8 hours, \$225

Everyone receives a workbook with live training

Advanced shortcuts

Show formulas

Trace precedents and dependents

Evaluate formulas

Profit Margin formula

Custom number formats including hours, minutes and seconds

Autofill series

Data validation using formulas and error messages

Naming data and using in formulas

If and, not, iferror, averageifs, countifs, sumifs

Dsum, dcount, dcounta, dmin, dmax and daverage

Sumproduct

Formula errors

Nested formulas including if formulas with multiple outcomes

Date formulas including now, today, year, month, day

Calculating workdays between dates

Absolute, relative and mixed cell references

Advanced 3D referencing other files and sheets

Vlookup, Hlookup

Match, Index

Advanced Match to find every instance of a part number from a category or location Aggregate

Row

Goal Seek and Scenario Manager

Project Day Formulas

Watch Window

Round up or down

Conditional formatting based on other columns and criteria

Trim, Lower, Upper, Proper, Left, Search, Find, Right, Mid formulas

Spreadsheet compare

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Statistical Analysis and Microsoft Excel – Online or laptops are provided to use on-site

8 hours, \$225

Everyone receives a workbook with live training

Anova (Analysis of Variance) Line charts, chart shortcuts, formatting

F value Pie Charts
Sum of Squares Between groups Pareto chart

Sum of Squares Within groups KPI (Key Performance Indicators)

Degrees of Freedom Gantt chart
Null hypothesis Control chart
Mean squares due to treatments Scatter chart

Mean squares of errors

Variance formula

Covariance Correlation

Descriptive Statistics
Exponential Smoothing

F-Test Two-Sample for Variances

Fourier Analysis

Histogram

Moving Average
Rank and Percentile

Regression

Sampling

t-Test Paired Two Sample for Means

t-Test: Two-Sample Assuming Equal Variances t-Test: Two-Sample Assuming Unequal Variances

z-Test: Two Sample for Means

Back to top

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Microsoft Excel Data Analysis and Dashboards

Online or laptops are provided to use with on-site, classroom training 2 days (16 hours) \$500 Everyone receives a workbook with live training

Part 1 - Import data

Data analysis using Excel Pivot Tables with dashboards and slicers

Query SQL Server databases

Power Query to import individual Excel files from different folders

Importing Excel and CSV files and refreshing queries to automatically import data

Part 2 - Cleanse Data

Formatting, cleaning and transforming data to make it ready to analyze Importing reports and combining columns
Using Excel tables and creating automatic and manual relationships
Making a calendar and other data tables and importing lists of business data

Part 3 - Model Data

Performance KPI Indicators for business activities

Create DAX (Data Analysis Expressions) calculated columns and measures

Analyzing 7-day, 10-day, 15-day, 30-day rolling averages in sales, inventory, labor hours, etc.

Analyzing year-to-year and month-to-month change in sales, expenses, labor hours,

products, departments, vendors, customers, etc.

Analyzing month-to-date, quarter-to-date, and year-to-date sales, expenses, labor hours

Analyzing percentage change of market share year-over-year

Analyzing expansion of sales to new customers by units and dollar amounts

Analyzing repeat customer sales and periods where those customers had no sales Financial report authoring

Advanced business ratios and dynamic ranking

Part 4 - Visualize Data

Format Pivot Tables and Pivot Charts for reports
Slice and filter, group and summarize data using cube functions
Timelines, slicers and create measures in Pivot Tables

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Microsoft Power BI Desktop and Power BI Services

Online or laptops are provided to use in on-site, classroom training 2 days (16 hours) \$600

Everyone receives a workbook with live training

Part 1 – Import Data

Import multiple Excel and CSV files from multiple years, locations and tables

Connect to and import ERP data

Connect to data in SQL Server Analysis Services (SSAS)

Import reports and pivot and unpivot data

Import data from PDFs

Part 2 - Transform, Cleanse, Format Data

Manually create tables

Create custom columns

Duplicate queries

Append queries

Merge queries

Refresh queries

Manage relationships in tables

Part 3 - Model Data

Administer business rules

Create calculated columns and measures using variable to make formulas understandable

DAX functions including sumx, averagex, sameperiodlastyear, datesytd, datesmtd, datesqtd, calculate,

blank, path, lookupvalue, switch, filter, countrows, rankx, allselected, all...

Time, part and corporate hierarchies

Part 4 – Visualize Data

Make interactive dashboards containing charts, gauges and visuals

Set interactions between visuals

Insert text, images, titles, URLs

Drill down and up in visuals

Visualize data on maps

Power BI services: create workspaces, upload reports, upload dashboards, settings

Schedule auto refreshes of datasets

Export Power BI data into Excel

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Tableau Prep and Tableau Desktop

Online or laptops are provided to use with on-site, classroom training 2 days (16 hours) \$800

Everyone receives a workbook with live training

Tableau Prep:

Workspace

Connecting to data

Workflow

Cleaning, Shaping and Combining data

Grouping data

Output to Tableau Desktop

Tableau Desktop:

Tableau Settings

Connecting to Excel, CSV, PDF and ERP data

Organizing data

Filtering data

Views

Measures

Cross tabs

Table calculations

Defining sets of subsets of data

Data and table calculations

Parameters

Data extracts

Comparing measures

Group data into categories and subcategories

Joins and union of data

Geocoding

Data distributions

Statistics

Forecasting

Column, bar, pie, scatter charts

Showing sales, expenses, inventory, on a world map

Heat maps

Tree maps

Dual-axis charts

Refreshing to import new data

Dashboards and stories to share visualizations

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T-SQL Querying SQL Server Management Studio

Online or laptops provided with on-site, classroom training 3 days (24 hours), \$1,500 Everyone receives a workbook with live training

Setup - Day 1

Downloading and installing SQL Server Management Studio 2019, restoring a .bak file Making new tables, query and joining multiple tables
Queries for finding parts of data such as characters
Create Transact-SQL SELECT FROM queries
INNER JOIN, LEFT, RIGHT, Self, FULL OUTER JOIN, CROSS JOIN, UNION, UNION ALL
DML (Data Manipulation Language) using OUTPUT, DDL (Data Definition Language)

Production – Day 2

EXCEPT INTERSECT, NULL, ISNULL, NULLIF, IS NULL THEN, COALESCE
CASE WHEN THEN, ELSE, END
WHERE clause, ORDER BY, HAVING, Sort and filter data, EXISTS
CRUD (Create Read Update Delete) INSERT, UPDATE, DELETE
Table and column aliases
Use subqueries and APPLY, CROSS APPLY, OUTER APPLY
GROUP BY, GROUP BY ROLLUP, GROUPING SETS, GROUP BY CUBE, PIVOT, UNPIVOT
Temporary tables and non-relational data
Query and output JSON data and XML data
Create databases using SQL

Programming - Day 3

Deterministic and non-deterministic functions, Windows, aggregate, date and time functions SUM, AVG, PARTITION BY, ORDER BY, SELECT DISTINCT, ROW_NUMBER(), RANK() ROWS BETWEEN __ PRECEDING AND __ FOLLOWING, DATEDIFF, LAG, LEAD, FIRST_VALUE, LAST_VALUE CUME_DIST(), PERCENT_RANK(), DENSE_RANK, NTILE, OFFSET, FETCH, TOP, OVER TRY CATCH, THROW, TRY_CAST, RAISERROR

Explanation and implementation of data types, VARCHAR, NVARCHAR, INT, FLOAT, REAL, CURSOR Data type conversions CONVERT

Table-valued Functions, declare variables, control program flow, synonyms, BEGIN, COMMIT, ROLLBACK Predicates: IN, EXISTS, BETWEEN, LIKE, ALL, ANY logicals: AND, OR, NOT Transactions, looping, conditions, derived tables

Programming: create store procedures, user-defined functions, triggers and views, parameters

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Machine Learning and Real-Time Streaming Analytics

Online or laptops are provided to use with on-site, classroom training - 2 days (16 hours) \$800 Everyone receives a workbook with live training

Advanced DAX in Excel and Power BI

Relationships in tables Combining, appending, joining, unioning data Advanced filtering of tables

T-SQL Data Analytics in SQL Server Management Studio
Data analysis functions in SQL Server
Enable Python and R in SQL Server
Python pyodbc to connect to SQL Server and running Python programs in SQL Server

M Power Query in Excel and Power BI

MDX and Edit M language

Import data from multiple websites at once and refresh

Python in SQL Server, Visual Studio, Power BI and Tableau

How to download Anaconda, Python, Notepad++

PyCharm, Jupyter Notebook and PyTorch

PowerShell to install Pandas, Matplotlib, Numpy, TensorFlow, Keras, pywin32

Python script to fill in Nulls with column Averages

Custom Python Visuals: violin charts, swarmplots, pairplots, scatterplots

Python predictive analysis

Make user interface buttons in Power BI reports. TabPy in Tableau

Machine learning using Python predictive analysis in Jupyter Notebooks to predict defects training the computer to analyze pictures and then test inputting attributes like temperature, weight, dimensions, to predict defects

R in SQL Server, Visual Studio, Visual Studio Code, R Studio, Power BI and Tableau

R statistical analysis of data

How to download R, find and present business statistics using R

RStudio, import and analyze data using R script, ggplot2

Custom R Visuals: dual y-axis chart, boxplot, jitter, histograms, world maps, 3D scatter, corrplot Logistic Regression

Azure Real-time Streaming Analytics of production data in charts using ASQL and Power BI

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Microsoft Teams Getting Started - Online or on-site, 4 hours, \$150

Everyone receives a workbook with live training

Explanation of Microsoft Teams

Accessing Teams

Teams Settings

Keyboard Shortcuts

Using the Calendar in Teams

How to Schedule and Edit a Meeting

How to Begin a Meeting

Meeting Settings Including Camera, Microphone, Share Screen, Video Blur, Hold, Record

Different Ways to Share Screen

The Best Way to Present PowerPoint in a Meeting

Make a New Team

Everyone in the Meeting on the Screen

Adding Members to a Team

Using and Creating Channels

Using and Starting Chat

Pinned and Pop-out Chat

Mention People's Names

Viewing Activity and History

Search in Teams

Adding Files to a Message and the File Tab

Marking Messages as Read and Unread

Creating a New File in Teams

Microsoft Lists to Organize Events, Requests and Assets

Introduction to Apps in Teams

Microsoft Teams Intermediate - Online or on-site, 4 hours, \$150

Advanced Meeting Settings

Microsoft Stream

Shortcuts

Commands - go to Channels, availability, mentions

Customize the Side Bar

Pinning Channels

Copy, Pasting, Reply to Messages

Send messages to multiple Channels at once

Outlook Calendar in Teams and Scheduling Assistant

Meeting Notes and Whiteboard

Notes – how to use the Team and Channel, business processes and instructions

Teams Settings: picture, member permissions, mentions, team code, tags

Hidden Teams, Teams Analytics

Upload, Edit, Open, and Download Files: Excel, Word, PowerPoint in Teams

Back to top

Microsoft Teams Advanced - Online or on-site, 4 hours, \$150

Everyone receives a workbook with live training

Channel Tabs and Notifications

Teams Mobile App and Settings

Notifications On and Off Detailed Settings

Share messages in Outlook and get email address of Channel

Immersive Reader of Messages

Sharing Files in Messages

Files Tab in the Side Bar

OneDrive: upload, sync, share SharePoint: upload, sync, share

SharePoint Home Tab Team Site in a Channel

Channel email messages in SharePoint

SharePoint Teams Settings: moving files, rename, get link, make a tab

Open a Channel (Team Site) in SharePoint

Tab settings, Rename, Remove

Channel Connectors

Apps in specific Channels

Apps – Yammer, Planner, OneNote, Forms, Who, Weather, Places, Flow, PowerApps

List of Apps under Messages

Microsoft OneDrive – Online or on-site, 4 hours, \$150

Everyone receives a workbook with live training

Explanation of OneDrive

How to access your OneDrive

Add, Rename and Move Files and Folders

Storage Options

Make New Documents

Sync Documents to and from your Computer

Shared and Private Files, Folders and Links

Delete Files

Recover Files from Recycle Bin

Discover relevant items

Recent Files

Shared Libraries

Sort and Preview Files and Details

Search and Filters Files and Folders

Activity

Send a OneDrive File in Outlook Email

Notifications

OneDrive Settings

OneDrive App

SharePoint - Online or on-site, 4 hours, \$150 Everyone receives a workbook with live training

Explanation of SharePoint

SharePoint Portal

Quick Launch – edit, move, add, remove

Create Sites, moving sites, linking sites, subsites

Share items with team members

Site Navigation and Search box

Site Contents

Recycle Bin

News Post - Make, Edit, Comments

Make Document Libraries and Folders

Make, Share, Edit and Delete Documents

Upload Files and Folders

Sync Folders

Make and Manage Alerts

Views, Filters, Details

Group Calendar – see who is available or unavailable Groups in

Outlook

Collaborating in Files

Document Version Control

Lists and Quick Edit

Make and Edit Pages

SharePoint Teams in Microsoft Teams

Versioning Settings

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Project Management Professional (PMP) Exam Preparation Workshop

Online or on-site, classroom training - 5 days \$1,700 Everyone receives a workbook with live training

Day 1 Initiating

What is Project Management? Understanding the customer How to assess a project

How to identify deliverables based on business requirements Analysis of who your stakeholders' are and team members

Identify high level risks, assumptions and constraints

Develop a project charter and get agreement from stakeholders

Submit the project charter for approval

Conduct benefit analysis with stakeholders

Inform stakeholders of approved project charter of deliverables, milestones, roles and responsibilities

Tools: Data analysis, cost benefit analysis, project charter, cost estimating, strategic management

Day 2 Planning

Review and assess detailed project requirements, constraints, and assumptions with stakeholders Develop a scope management plan

Develop a cost management plan

Develop the project schedule

Develop the human resource management plan

Develop the communications management plan

Develop the procurement management plan

Develop the quality management plan

Develop the change management plan

Develop a risk management plan

Present the project management plan to the relevant stakeholders

Conduct kick-off meeting, communicating the start of the project and key milestones

Develop the stakeholder management plan

Tools: Management and communication planning, lean and agile principles, procurement planning, scope management, time management tools, workflow diagrams, regulatory and environmental impact assessments

Day 3 Executing

Acquire and manage project resources Manage task execution based on the project management plan

Implement the quality management plan

Implement approved changes and corrective actions

Implement approved actions by following the risk management plan

Manage the flow of information by following the communications plan
Maintain stakeholder relationships by following the stakeholder management plan **Tools**: Continuous improvement processes, contract management, elements of a statement of work, project budget, quality standards, vendor management

Day 4 Monitoring and Controlling

Measure project performance using analysis tools
Manage changes to the project by following the change management plan
Verify project deliverables conform to the quality standards in quality management plan
Monitor and assess risk
Review the issue log
Compose, analyze, and manage lessons learned
Monitor procurement activities
Tools: performance measurement, process analysis, project control, project finance

Day 5: Closing

Obtain final acceptance of the project deliverables from relevant stakeholders

Transfer the ownership of deliverables to the assigned stakeholders

Obtain financial, legal, and administrative closure

Prepare and share the final project report

Organize lessons learned that were documented throughout the project

Archive project documents and materials

Obtain feedback from relevant stakeholders

Tools: archiving practices, compliance, contract closure requirements, close-out procedures, feedback techniques, performance measurement techniques, project review, transition planning

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Email: jnathan@jncomputertraining.com Website: www.jncomputertraining.com

Microsoft Outlook Workshop – Online or on-site - 8 hours \$225

Everyone receives a workbook with live training

Outlook Shortcuts

Understanding Outlook Menus

Quick Access Menu

Office Theme

Expand Toolbar

Select multiple emails at once

Make a calendar entry from an email

Detailed Search

Delivery and Read Receipts

Download and Save Email

Add People, Contacts, Groups

Filter Emails - Unread, Newest, Oldest

Making Folders and Rules

Calendar – Appointments, Meetings, Teams, Custom Calendars

Notifications and Customization

Detailed Custom Categories

Send Automatic Emails

Out Of Office Auto Reply

Contacts, Address Book and Group Email

Multiple Email Signatures and Business Cards

Add Reminders

Format

Find, Replace, Thesaurus, Search for Commands

Save Draft

Add Attachment

Make Tables

Important Email - Flag

Save Draft of Emails

Retention Rates for Emails

Share Calendars

Change Reply-to

Search Folders

Quick Steps

Email Templates

Email Macros

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PowerPoint Workshop Online or on-site - 8 hours \$225

Everyone receives a workbook with live training

How to plan a professional presentation What's in the PowerPoint ribbon Keyboard shortcuts Templates and Themes Speaker notes and comments Adding, duplicating and moving slides

Channel from the and titles

Change font size and titles

Designing slides, backgrounds and styles

Slide, text, paragraph formatting

Bullet points

Insert text, shapes, pictures, tables, audio and videos of production processes Modify slide masters and layouts

How to take, edit and save screenshots and screen recordings

Text Boxes

Insert hyperlinks

Page Numbers

Header and Footer

The best way to put charts in PowerPoint

How to share your presentation

Transitions, Animations and Running a Slide Show, presenter's view

Annotations during a presentation

How to present a PowerPoint show

Recognize file extensions

Record a presentation as a video

Make presentation a PDF, printing, packaging and sharing

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Microsoft Sway Workshop – Online or on-site - 8 hours \$225 Everyone receives a workbook with live training

Explanation of Sway
Creating a Professional Presentation
Sway Templates
Business Storyline
Grouping and Stacking Cards
Search and Insert Images and Videos
Insert Hyperlinks
Formatting
Focus Points
Importing PowerPoint, Word, PDF Files
Invite Others to View or Edit
Pin Sway
Sway Analytics
Putting Sway in Microsoft Teams
Delete and Restore a Sway Presentation

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Adobe Spark Workshop – Online or on-site - 8 hours \$225 Everyone receives a workbook with live training

Make Advertisements, Stories, Posts, Pages, Presentations and Slideshows Start From and Search Templates
Make a Title Page and Subtitle
Add Photos, Text, Buttons, Video, Photo Grid, Glide show and Split Layouts
Create Templates, Brands and Themes
Upload Logos, Choose Company Color and Font
Create Libraries and Save Pictures and Art
Organize and Share Projects

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Microsoft Windows File Explorer Workshop - Online or on-site - 8 hours \$225 Everyone receives a workbook with live training

Shortcuts, Shortcuts, and More Shortcuts
Create Your Own Shortcuts
Start Menu File Explorer
Searching Documents Made Easy
Duplicate File Explorer
Going to File Locations With Ease
Organizing Windows like a Breeze
Copying and moving files
Making New Files Like a Pro
Renaming Files
View Details, Icons, Sort, Filter

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Web Browser Workshop (Edge, Chrome and Firefox) - Online or on-site - 8 hours \$225 Everyone receives a workbook with live training

Access Business Apps **Keyboard and Mouse Shortcuts Duplicate Tabs** Open Tabs in New Tab and Window Set Home Page Access Home Page Search Page Search from URL **Bookmark Page** Access Bookmarks Manage Bookmarks View PDF files in Browser Manage Profile **Browse History** Print from Browser **Downloading and Finding Files Settings and Options** Make Desktop Shortcuts **Privacy and Security**

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Microsoft Power Apps Workshop – Online or on-site - 8 hours \$225

Everyone receives a workbook with live training

Explanation of Power Apps Send Automatic Emails for Approval Make a new Canvas App Make App from Excel Data Upload Pictures, Audio and Video **Preview App Test App Check for Errors** See Other Versions of App and Make Notes Publish and Share App to Mobile and Desktop Devices Make New Connections of Data Sources Connect to OneDrive Data Import SQL Server Data into App Edit App in PowerApps Studio Change App Name Create Variable **Functions** The Common Data Source Create an Entity

Power Apps in SharePoint

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Dropbox Workshop Outline – Online or on-site - 8 Hours \$225 Everyone receives a workbook with live training

Explanation of Dropbox How to access Dropbox How to get the Dropbox desktop app Where Dropbox is on Computer Download Dropbox mobile app **Create Folders** Add Files to Dropbox Share Files and Folders Comment on Files and At Mention People

Add Dropbox Save Feature to Microsoft Office

Sync Files

Download Files

Version History and Restore Files

Dropbox Preferences

Backup Files

Notifications

Dropbox Paper

File Requests

Exit Dropbox app

Mirror Files Between Two Computers

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Cybersecurity Basics - Online or on-site - 8 hours, \$225 Everyone receives a workbook with live training

Passwords

Two Factor Authentication Understanding of Phishing and Whaling

Spam

Junk

Block URLs

Fishy URLs in From Email

Emails Mimicking Your Contacts

Poorly Written Emails

Email that ask for Update of Info or Money Fishy Attachments

Reporting Phishing Emails

Web Browsing

Safe Web Browsing

Privacy Settings and Cookies

Pop-ups

Downloads

Social Media

Working Remotely

Safe Wi-Fi Environments

Location Features

Third Party Apps

Keep Your Devices Up To Date

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Introduction to Six Sigma for Process Improvement

8 Hours, \$225 Online or on-site training Everyone receives a workbook with live training

1) Define

How to pick a project for improvement

Defining the problem and scope

High level flow diagram of the process

How to assemble a team

Develop a communication plan and identify all stakeholders in the process

Develop a project authorization request (project charter)

2) Measure

Reason for Measure Phase
What to measure
Validate the reliability of your measurement tools
Identify critical risk factors for processes
Learn how to calculate your current process capability
Measure any other factors that relate to your process

3) Analyze

Test alternative process parameters
Use relevant statistics to analyze data
Determine most likely changes that will result in improvement
Communicate with stakeholders
Test the chosen improvement scenario
Develop hypothesis statement

4) Improve

Training relevant employees on the changes
Implement your chosen process changes
Update process documentation
Evaluate statistically documentation of the improvements
Validate the gains of the improvement change

5) Control

Ensure changes are implemented that make a positive impact
Ensure downstream departments are committed to the new process
Develop an on-going data collection process to ensure changes remain effective
Communicate process changes and financial impacts with all stakeholders
Close the project to plan the next one

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1) LEADERSHIP

Learning Objectives

8 hours, \$450ManagementSupervision

Debunk misconceptions about personality types and communication styles.
 Identify the true differences between Introverts and Extroverts.
 Avoid disconnects between those focused on facts vs feelings.

Vision Influence

5. Recognize each style's strengths and weaknesses.

Inspiration

6. Adapt to key people by modifying your approach to appeal to their style.

1. Learn the history of how leadership styles are developed and cultivated.

2) COMMUNICATION

8 hours, \$450

- Listening
- Negotiating
- Team-Building
- Rapport
- Trust

- 1. Learn the four dynamics of communication.
- 2. Understand the three components of effective listening.
- 3. Avoid six mistakes of questions that can result in error.
- 4. Understand the significance of body language, voice and context.
- 5. Build rapport and establish clarity through listening.
- 6. Improve your overall listening by at least 30%.

3) CONFLICT RESOLUTION

8 hours, \$450

- Corrections
- Accountability
- Problem Solving
- Reduce Defensiveness
- Adaptions

- 1. Find alternatives to words that can increase defensiveness.
- 2. Increase awareness of significances in facial expressions.
- 3. Control conversations using one of five types of responses.
- 4. Speak with validity by separate statements of Fact vs Feeling.
- 5. Correct others with clarity and establish accountability.
- 6. Inspire positive behavioral change.

4) PRESENTATIONS

8 hours, \$450

- Public Speaking
- Interviewing
- Updating
- Networking
- Sales Pitches

- 1. Demonstrate poise and professionalism in your speaking.
- 2. Establish purpose and increase message clarity.
- 3. Develop and maintain presentation confidence.
- 4. Adapt to one of the four audience styles to increase rapport.
- 5. Increase and maintain audience engagement.
- 6. Learn preparation techniques that will promote presentation excellence.

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Google Sheets

Online or On-site, classroom training - 8 hours, \$225 Everyone receives a workbook with live training

What are Google Sheets? Make a New Spreadsheet **Spreadsheet Templates Recent Sheets** Renaming and Copying a Spreadsheet All Keyboard Shortcuts Editing a Spreadsheet Copy, Paste, Format and Highlight Insert and Move Rows and Columns Add, Reorder, Hide and Show Sheets Freezing Rows and Columns **Conditional Formatting** Sorting and Filtering Formulas - Sum, Average, Min, Max Formulas – Count Number, All, Unique, Blank, Ifs Import Google Sheets, Excel and CSV Files **Make Charts** Printing a Spreadsheet Share a Spreadsheet With Team Members **Tracking Changes and Revisions**

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Advanced Power BI

Online or On-site, classroom training - 2 days (16 hours) \$600 Everyone receives a workbook with live training

Merge Queries with Different Kinds of Joins (Inner, Left, Right, Full, Outer)

Advanced Data Transforming

Group By Columns, Custom Columns from Example

Copy Queries and Paste into another PBI file

From Folder - Combine and Transform

Extract Data – Length, Range and Delimiter

Trim, Clean and Replace Errors

Product Hierarchies

Placing Comments in DAX Measures and M Language

FIRSTNONBLANK, ENDOFMONTH, DATESINPERIOD, SWITCH, COALESCE, REMOVEFILTERS, KEEPFILTERS, VALUES, DISTINCT, SELECTEDVALUE, ALLEXCEPT, ADDCOLUMNS, SUMMARIZE, GENERATESERIES, RELATED, RELATEDTABLE, USERELATIONSHIPS, CROSSFILTER, TREATAS

Variables in Measures

Page Filters

Matrix, KPI, Chiclet Visuals

Advanced Filtering of Tables

MDX and Edit M Language from Blank Queries

Pivot, Reference, Group Reports, Parameters, Functions, Lists, Records

Custom Functions and Invoke Functions

Performance Analyzer

Mobile Layout

Using the Same Font in Every Power BI File

Power BI Options and Settings

Save and Import Themes

KPI coloring by changing font, fill, symbols

Refreshing of Data

Power BI Services

Python Visuals: violin charts, swarmplots, pairplots, scatterplots

Python script to fill in nulls with column averages for advanced analysis

R Visuals: boxplot, jitter, histograms, 3D scatter, corrplot logistic regression