بسم الله الرحمن الرحيم

Excel for Data Analysis – Full Course for Beginners

Project One

**Salaries of Data Science Jobs**

**(Jobs Calculator / Dashboard)**

**Content:**

* Overview.
* Part 1: Clean and Prepare Data for Analysis.
* Part 2: Analyze the Data.

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Overview

About the Project

This course is an Excel course for Data Analysis. It’s starting from installing Excel up to creating a full project using DAX.

This project is the first full project in the course and it use the source data contains 16 columns and 32,762 rows about the Data Science Jobs Posts to create a calculator or mini dashboard that helps taking decision which job title must be focused in.

Lessons Have Been Taken:

* What is Excel?
* Formulas Intro
* Function Intro
* Logical Functions
* Math Functions
* Statistical Functions
* Array Formulas
* Lookup Function
* Text Functions
* Date and Time Functions
* Charts Intro
* Charts Advanced
* Charts Statistics
* Sparklines
* Tables
* Formatting
* Collaboration
* Project #1: Build Dashboard
* Project #1: Share Projects

Data

The original data is consists of 16 columns and 32,762 rows/records.

| **Column Name** | **Description** | **Inferred Data Type** |
| --- | --- | --- |
| job\_title\_short | Shortened version of job title | string |
| job\_title | Full job title and department | string |
| job\_location | City and state of the job | string |
| job\_via | Platform where the job was posted | string |
| job\_schedule\_type | Full-time, part-time, etc. | string or categorical |
| job\_work\_from\_home | Whether the job allows remote work | boolean |
| search\_location | Location used for searching jobs (possibly user input) | string |
| job\_posted\_date | Date since the job was posted (appears to be in float days format) | float or int |
| job\_no\_degree\_mention | Whether the job mentions that a degree is *not* required | boolean |
| job\_health\_insurance | Whether health insurance is offered | boolean |
| job\_country | Country where the job is located | string |
| salary\_rate | Salary time unit (e.g., year, hour) | string (categorical) |
| salary\_year\_avg | Average annual salary | float |
| salary\_hour\_avg | Average hourly salary (may be null) | float or null |
| company\_name | Employer offering the job | string |
| job\_skills | List of required skills | list[string] or string |