DOWNLODE SOFTWARE :

**// Without this one You can’t run python profram file using Data Analysis //**

<https://www.anaconda.com/>

next 64 bot

or

32 bit

**Ms office required**

**Project: -Topic: Data Aggregation and Analysis with Python in the field of Renewal Energy Systems**

High-quality renewable energy resource data and other geographic information system (GIS) data are essential for the transition to a clean energy economy that prioritizes local resources, improves resiliency, creates jobs, and promotes energy independence. These data are crucial for making informed decisions—ranging from policy and investment decisions to reliable power sector planning. Decisions that are data-driven reflect appropriate ambition, maximize costeffectiveness, and enable successful implementation of renewable energy investments.

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This guide is intended to support policymakers and planners, as well as technical experts, consultants, and academics in incorporating improved data and analysis into renewable energy decision-making.

**The guide is divided into three main sections: -**

• Decisions: target setting, policymaking, investment, and power sector planning

• Data: renewable energy resource data and related GIS data

• Analysis: analytical methods and models.