

Final Project Set-Up - Python in GIS

Group 4

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1. Research Questions:

- How is the daily mobility pattern of the eagle owl influenced by different factors?
 - Which is the most active hour for the owl?
 - How does the mobility of the female owls differ from male owls?
 - How does the activity for owls vary seasonally? Do they travel more in some particular season?

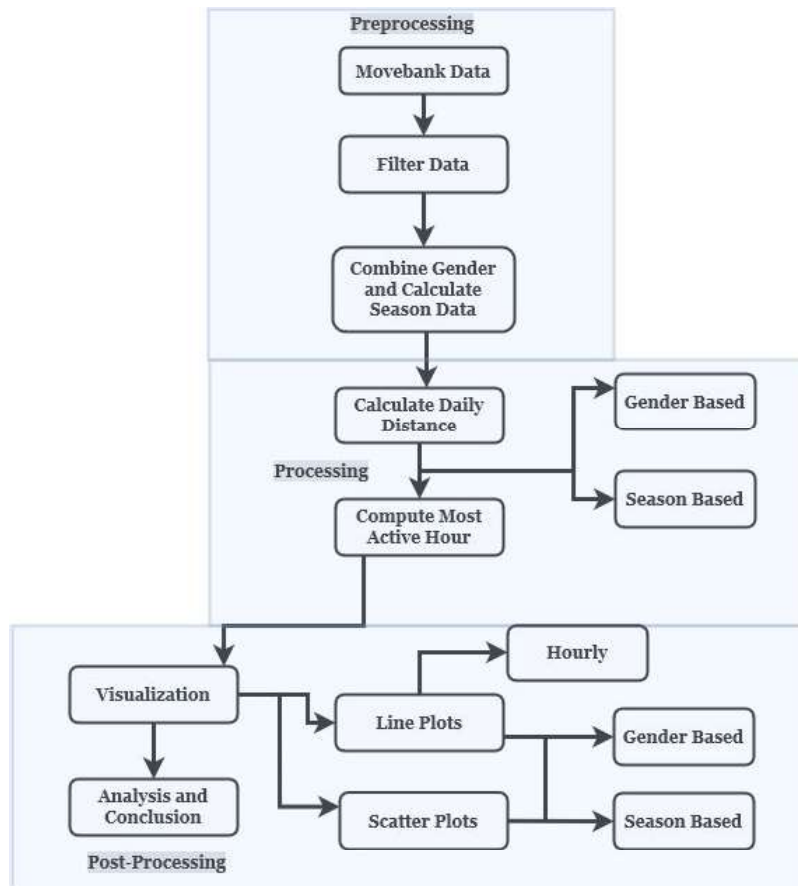
2. Methodology:

Software: QGIS

LR: Mobility patterns and activity of the eagle owl

Datasets:

- The eagle owl - https://www.movebank.org/cms/webapp?gwt_fragment=page=studies.path=study3780829



3. Work Division

SN	Task	Responsibility	Time Frame	Remarks
1	Pre-Processing	Maneesha and Ganesh	15/06-22/06	
2	Processing	Einav and Janak	22/06-29/06	
3	Post-Processing - Hourly	Einav and Janak	22/06-29/06	
4	Post-Processing - Gender	Janak and Einav	29/06-13/07	
5	Post-Processing - Season	Ganesh and Maneesha	29/06-13/07	
6	Presentation	Ganesh and Einav	13/07-15/07	
7	Final Report	Janak and Maneesha	15/07-24/07	