



Decisions and definitions

Meeting attendees have defined and decided

- Agreed business question:

"Can Airbnb identify pricing patterns and listing segments in the NYC market to support hosts with competitive pricing and customise segment-specific guidance?"

- Workstreams and owners:

1) EDA and Data Cleaning, -> Francesca, Ariel assists with pre-designed due to requirements from ML

2) ML batch, -> Ariel

3) Written report (can start from beginning with draft and be feed with outputs from 1 and 2 plus ethics, risks, limitations, business interpretation) -> Ariel

4) QA and Final review - > Sarra + Tamim

5) Final Report Submission -> Ariel

- Next group meeting on Saturday 23rd May

- All assets repository: Google Drive, workstream driven folder structure and naming



Timeline and task allocation defined on 9.5.2026

Week / dates	Task	Owner	Input	Output
By 16/May	1) EDA + Data Cleaning	Francesca	Ariel provides basic design and plots/charts ideas Raw dataset	Normalised and cleaned dataset Design decisions and comments on findings Charts/plots Python scripts
By 23/May	2) ML Regression and Clustering	Ariel	dataset, business question, EDA signals, pricing target, selected variables	Python notebook/script, prediction/evaluation outputs, metrics and graphs, segmentation/validation outputs, K selection, profiles
By 27/May	3) Written report	Ariel	All before	Pre-final written report
By 5/Jun	4) QA and review	Sarra + Tamim	Pre-final written report and all assets	Final report reviewed
By 6/Jun	5) Submission	Ariel	Final report from Sarra and Tamim	Submission done

