

Project Requirement: UK Car Dealer Data Scrapping

Project Summary

Scrape updated dealership data from AutoTrader UK for a set of provided postcodes, each with a 100-mile radius. The goal is to extract, clean, and organize dealership data into **individual Google Sheets**, one for each postcode, with **duplicates retained** and **new vs. missing entries clearly marked**.

🎯 Target Website

- [AutoTrader Car Dealers Search](#)
-

Input Data

A list of full UK postcode centers for different cities, grouped under:

- England
- Northern Ireland
- Scotland
- Wales

Each postcode must be searched with a **100-mile radius**.

Output Requirements

- **Format:** One Google Sheet per postcode
 - **Structure:**
 - One tab per postcode
 - Each tab includes:
 - Dealer Name
 - Address
 - Website
 - Phone Number
 - Direct AutoTrader Dealer Page URL
 - **Highlighting:**
 - **New Entries:** Highlight in **yellow**
 - **No Longer Existing Entries (compared to previous list):** Highlight in **purple**
-

■ Deliverables

- Google Sheets or downloadable Excel files **one per postcode**
- Each file labeled with the corresponding **postcode**
- Zipped folder with all files
- All fields should be consistently formatted and cleaned

United Kingdom Postcode List

England

1. Bath – BA1 1AA
2. Birmingham – B1 1AA
3. Bradford – BD1 1AA
4. Brighton & Hove – BN1 1AA
5. Bristol – BS1 1AA
6. Cambridge – CB1 1AA
7. Canterbury – CT1 1AA
8. Carlisle – CA1 1AA
9. Chelmsford – CM1 1AA
10. Chester – CH1 1AA
11. Coventry – CV1 1AA
12. Derby – DE1 1AA
13. Doncaster – DN1 1AA
14. Durham – DH1 1AA
15. Ely – CB7 4AA
16. Exeter – EX1 1AA
17. Gloucester – GL1 1AA
18. Hereford – HR1 1AA
19. Kingston-upon-Hull – HU1 1AA
20. Lancaster – LA1 1AA
21. Leeds – LS1 1AA
22. Leicester – LE1 1AA
23. Lichfield – WS13 6AA
24. Lincoln – LN1 1AA
25. Liverpool – L1 1AA
26. London – SW1A 1AA
27. Manchester – M1 1AA
28. Milton Keynes – MK1 1AA
29. Newcastle-upon-Tyne – NE1 1AA
30. Norwich – NR1 1AA
31. Nottingham – NG1 1AA
32. Oxford – OX1 1AA
33. Peterborough – PE1 1AA
34. Plymouth – PL1 1AA

35. Portsmouth – PO1 1AA
36. Preston – PR1 1AA
37. Salford – M5 4AA
38. Salisbury – SP1 1AA
39. Sheffield – S1 1AA
40. Southampton – SO14 1AA
41. Southend-on-Sea – SS1 1AA
42. St Albans – AL1 1AA
43. Stoke-on-Trent – ST1 1AA
44. Sunderland – SR1 1AA
45. Truro – TR1 1AA
46. Wakefield – WF1 1AA
47. Wells – BA5 2AA
48. Westminster – SW1A 1AA
49. Winchester – SO23 8AA
50. Wolverhampton – WV1 1AA
51. Worcester – WR1 1AA
52. York – YO1 1AA

Northern Ireland

1. Armagh – BT61 7AA
2. Bangor – BT20 4AA
3. Belfast – BT1 1AA
4. Lisburn – BT27 4AA
5. Londonderry – BT48 7AA
6. Newry – BT34 1AA

Scotland

1. Aberdeen – AB10 1AA
2. Dundee – DD1 1AA
3. Dunfermline – KY12 7AA
4. Edinburgh – EH1 1AA
5. Glasgow – G1 1AA
6. Inverness – IV1 1AA
7. Perth – PH1 1AA
8. Stirling – FK8 1AA

Wales

1. Bangor – LL57 1AA
2. Cardiff – CF10 1AA
3. Newport – NP10 1AA
4. St Asaph – LL17 0AA
5. St Davids – SA62 6AA
6. Swansea – SA1 1AA

7. Wrexham – LL13 8AA