## approved\_data.csv

<https://data.boston.gov/dataset/cd1ec3ff-6ebf-4a65-af68-8329eceab740/resource/6ddcd912-32a0-43df-9908-63574f8c7e77/download/tmpv4k40602.csv>

### Overview

Approved Permits

### Columns

| **Column** | **Description** | **Values** | **Analysis Relevant Notes** |
| --- | --- | --- | --- |
| object\_id | Unique database record identifier | Unique |  |
| permitnumber | Tracking number assigned at the beginning of the permit application process |  |  |
| worktype | Subcategory of each permit type. Each permit type has a different group of subtypes available | ["ADDITION", "AWNING", "AWNRET", "AWNRNW", "BFCHMMATTR", "BFDOther", "BOABldg", "BOAZone", "CANP", "CANPRN", "CELL", "CHGOCC", "COB", "COMPAR", "CONVRT", "DRIVE", "ELECTRICAL", "ERECT", "EXTDEM", "EXTREN", "FA", "FENCE", "FENCE2", "FLAM", "FSTTRK", "GARAGE", "GAS", "GEN", "General", "HOLVEN", "INDBLR", "INDFUR", "INSUL", "INTDEM", "INTEXT", "INTREN", "LVOLT", "MAINT", "NEWCON", "NROCC", "OSEAT", "OTHER", "PLUMBING", "RAZE", "RESPAR", "RNWSIG", "ROOF", "SD", "SIDE", "SIGNES", "SIGNS", "SITE", "SOL", "SPCEVE", "SPFT", "SPRINK", "SPRNK9", "SRVCHG", "TCOO", "TEMTRL", "TMPSER", "TMPUSOC", "VIOL", " ", "BFCHMINFIN", "Repair", "Upgrade", "AC", "BFCHMDECMA", "FIXTUR", "Main", "Service", "TRENCH", "TVTRK", "Capital", "Cranes", "Emergency", "Fencing", "PVTEMER", "Street", "New", "BFCHMTENT", "WTHEAT", "BFCHMDRAPE", "BFCHMFLOOR", "BFCHMTEMPE", "Dumpsters", "SpecEvent", "SpeEvents", "Staging"] |  |
| permittypedescr | Type of permit | ['Short Form Bldg Permit', 'Electrical Permit', 'Plumbing Permit', 'Gas Permit', 'Electrical Low Voltage', 'Long Form/Alteration Permit', 'Electrical Fire Alarms', 'Certificate of Occupancy', 'Excavation Permit', 'Electrical Temporary Service', 'Amendment to a Long Form', 'Erect/New Construction', 'Use of Premises', 'Foundation Permit'] |  |
| description | Full text description of the worktype column | Varies but matches with worktype |  |
| comments | Scope of work as provided by the applicant and validated by the reviewers. The field can also include some additional internal notes. |  |  |
| applicant | Name of the primary applicant applying for a permit |  |  |
| declared\_valuation | Determined valuation of the construction project including estimated total cost of building construction, including all electric, mechanical, plumbing and permanently fixed equipment |  |  |
| total\_fees | Amount of total permit-related fees received |  |  |
| issued\_date | Date on which the permit was issued | Format: "%Y-%m-%d %H:%M:%S"  Earliest date: 2006-09-26 |  |
| expiration\_date | Date on which the permit will expire | Format: "%Y-%m-%d %H:%M:%S"  Earliest date: 2010-01-25 |  |
| status | Status of the application | ['Open',  'Closed',  'Issued',  'Stop work'] |  |
| owner | Owner of the property for which permit is sought |  |  |
| occupancytype | Type of occupancy of the property | ['1-2FAM', 'Comm', 'Multi', '1-3FAM', 'Mixed', 'Other', '1-4FAM', '1Unit', 'VacLd', '7More', '1-7FAM', '3unit', '2unit', '4unit', 6unit', '5unit', '7unit'] |  |
| sq\_feet | Area of the property | min\_value=0.0,  max\_value=10000000000.0 |  |
| address | Address of the property |  |  |
| city | City where the property address is located | ["West Roxbury", "Charlestown", "Roxbury", "Brighton", "Allston", "Jamaica Plain", "East Boston", "Dorchester", "Hyde Park", "South Boston", "Roslindale", "Brighton/ Allston", "Mission Hill", "Mattapan", "Longwood", "Bay Village", "Chestnut Hill", "North End", "Leather District", "Chinatown", "South Boston Waterfront", "West End", "Fenway", "South End", "Back Bay", "Downtown", "Beacon Hill", "Theater District"] |  |
| state | State | MA |  |
| zip | Zip code of the property address | [02108, 02109, 02110, 02111, 02113, 02114, 02115, 02116, 02118, 02119, 02120, 02121, 02122, 02124, 02125, 02126, 02127, 02128, 02129, 02130, 02131, 02132, 02133, 02134, 02135, 02136, 02163, 02199, 02203, 02210, 02215, 02222, 02112, 02117, 02123, 02137, 02196, 02205, 02283, 02284, 02298, 02201, 02204, 02206, 02211, 02212, 02217, 02241, 02293, 02298, 02467, 02151] |  |
| property\_id | Identification of the property for which the permit is sought | max\_val=99999,  min\_val=1 |  |
| parcel\_id | Identification of the City of Boston's land parcel in which the property is located | max\_value=2205670000, min\_value=0100001000 |  |
| gpsy |  |  |  |
| gpsx |  |  |  |
| geom\_2249 |  |  |  |
| lat | The latitude of the property’s address | max\_value=42.5,  min\_value=42.2 |  |
| long | The longitude of the property’s address | max\_value=-71.0,  min\_value=-71.2 |  |
| geom\_4326 |  |  |  |

### Findings

Post anything relevant you do to the data here, mention if code linked in discord

| **Name** | **Date** | **Notes** |
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## article\_80\_development\_projects.csv

<https://bostonopendata-boston.opendata.arcgis.com/datasets/boston::article80-development-projects.csv?where=1=1&outSR=%7B%22latestWkid%22%3A6492%2C%22wkid%22%3A103072%7D>

### Overview

Development projects subject to Article 80 review process. The Boston Zoning Code requires the BPDA to review the design of real estate developments, their effects on the surrounding community, as well as the overall city. The procedures and standards for this review are contained in Article 80 of the Zoning Code.

### Columns

| **Column** | **Description** | **Values** | **Analysis Relevant Notes** |
| --- | --- | --- | --- |
| \_id | Unique database record identifier | Unique |  |
| X | geospatial x | geospatial |  |
| Y | geospatial y | geospatial |  |
| OBJECTID |  |  |  |
| Project\_ID |  |  |  |
| Project\_Name |  |  |  |
| Project\_Street\_Number |  |  |  |
| Project\_Street\_Name |  |  |  |
| Project\_Street\_Suffix | Road, Hwy, Pkwy etc. |  |  |
| Project\_Zip\_Code |  |  |  |
| Neighborhood | Allston, Dorchester, Downtown, etc |  |  |
| Project\_Record\_Type |  |  |  |
| Project\_Status |  |  |  |
| Filed\_Date |  |  |  |
| BPDA\_Board\_Approval |  |  |  |
| First\_Building\_Permit |  |  |  |
| COO\_Permit\_Date |  |  |  |
| Last\_Project\_Update\_Date |  |  |  |
| Gross\_Square\_Footage |  |  |  |
| Description |  |  |  |
| Website\_URL |  |  |  |
| Lat |  |  |  |
| Lon |  |  |  |
| Gross\_Floor\_Area |  |  |  |
| RnD\_sqft |  |  |  |
| Shape |  |  |  |

### Findings

Post anything relevant you do to the data here, mention if code linked in discord

| **Name** | **Date** | **Notes** |
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## zoning\_board\_of\_appeal\_tracker.csv

<https://data.boston.gov/dataset/37d2e087-ce02-4090-bfdf-22de1ada3b23/resource/0f0fa8c2-87ba-45d6-a876-0d177dd02512/download/tmppirf9yh9.csv>

### Overview

Development projects subject to Article 80 review process. The Boston Zoning Code requires the BPDA to review the design of real estate developments, their effects on the surrounding community, as well as the overall city. The procedures and standards for this review are contained in Article 80 of the Zoning Code.

### Columns

| **No.** | **Column** | **Categorical v. Numerical** | **Description** | **Values** | **Analysis Relevant Notes** |
| --- | --- | --- | --- | --- | --- |
| 1 | index | Numerical | Index | Auto-Increment | Not important |
| 2 | address | Categorical | Street address of the property for which the appeal was filed | Varies | DROP |
| 3 | status | Categorical (7) | The current status of the appeal. | Calculated field based on the other dates in this table.  1 = Appeal Submitted  2 = Community Process  3 = Hearing Scheduled  4 = Appeal Closed  5 = Hearing Concluded  6 = Hearing Rescheduled  7 = ZBA Decision Finalized | Changed to numerical categories  <https://experience.arcgis.com/experience/c019ba9a25cb4f33bb6cdd2f69b543d4/page/ZBA-Process/> |
| 4 | parent\_apno | Categorical | The unique identifier of the permit application for which the appeal was filed (Not unique for appeal) | 1-3 Letters followed by numbers  A - Amendment  ERT - Erect (New Construction)  ALT - Alteration (Modifying existing structure)  UOP - Use of Premise |  |
| 5 | boa\_apno | Categorical | The unique identifier for the appeal. | Begins with 'BOA', followed by numerical values | Might drop, if other data doesn’t use this identifier |
| 6 | appeal\_type | Categorical | Identifies the appeal type as Building or Zoning | 0 = Building  1 = Zoning | Changed to numerical categories |
| 7 | contact |  | Name of the primary contact on the appeal. This could be the property owner, architect, general contractor, attorney, etc. | Varies | DROP |
| 8 | submitted\_date |  | The date the appeal was submitted; either in person, or through the online portal | Date | Save the original and also split into year, month, day  df[[sd\_year, sd\_month, sd\_day]] |
| 9 | received\_date |  | The date City staff completed an initial review of the appeal | Date |  |
| 10 | hearing\_date |  | The date of the public meeting at which the appeal will be heard by the Zoning  Board of Appeal | Date |  |
| 11 | ever\_deferred |  | Yes or No. Null if the appeal has not had its first hearing scheduled yet. | Y  N |  |
| 12 | num\_deferrals |  | Total times an appeal has been deferred. Null if the appeal has not had its first  hearing scheduled yet | Numeric |  |
| 13 | final\_decision\_date |  | The date on the written ZBA decision. From this date, community members who  disagree with the ZBA's decision have twenty days to appeal in court | Date |  |
| 14 | decision |  |  |  |  |
| 15 | closed\_date |  | The date when the appeal is closed in ISD's system, leading to a result for the  parent application. | Date |  |
| 16 | city |  | City |  |  |
| 17 | zip |  | Zipcode |  |  |
| 18 | ward |  |  |  |  |
| 19 | zoning\_district |  | BPDA Zoning District of the property | Varies - matches the Zones at the BPDA Zoning Viewer |  |
| 20 | project\_description |  | Brief description of the proposed scope of work of the parent application. Note that  any part of this work could have resulted in the zoning denial. | Varies |  |
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### Findings

Post anything relevant you do to the data here, mention if code linked in discord

| **Name** | **Date** | **Notes** |
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