DATASET 1

**Topic:** Stack Overflow

**Source:** Kaggle

**Title**: Stack Overflow 2018 Developer Survey

**URL** : <https://www.kaggle.com/stackoverflow/stack-overflow-2018-developer-survey>

**API call :** kaggle datasets download -d stackoverflow/stack-overflow-2018-developer-survey

**Why this dataset is interesting:**

This dataset contains the survey results of approx. 20000 developers having information about their favorite technologies to their job preferences. This dataset has 129 columns and 98,855 rows of qualitative data about the developers.

**Potential data users and decision-makers for this data**

1. **Companies looking for stack developers**
2. **Companies interested in knowing the correlation between and IT software developer and salary expectations based on the technology interests of these developers.**
3. **Stack overflow for understanding which people/developers, having which technology interests visit them most and based on that on which technology stackoverflow should focus more and give descriptive answers.**
4. **It will help other developer centric sites to know from which country most of the developers access an online portal like stackoverflow to cater to their needs and based on that they can focus their sites information specific for the developers and their interest of a specific country**
5. **The data also has the information if a developer is satisfied by his/her job or if he/she is looking for a job hence this data will help companies to understand which type of developers (full-stack, back-end, front-end) need a job change or their expectations using which the companies can change their ways of recruiting.**

Context

Each year, we at [Stack Overflow](https://stackoverflow.com/) ask the developer community about everything from their favorite technologies to their job preferences. This year marks the eighth year we’ve published our Annual Developer Survey results—with the largest number of respondents yet. Over 100,000 developers took the 30-minute survey in January 2018.

### Content

This 2018 Developer Survey results are organized on Kaggle in the following 2 tables:

**survey\_results\_public :** Contains the main survey results, one respondent per row and one column per question

**survey\_results\_schema** contains each column name from the main results along with the question text corresponding to that column

There are 98,855 responses in this public data release. These responses are what we consider “qualified” for analytical purposes based on completion and time spent on the survey and included at least one non-PII question. Approximately 20,000 responses were started but not included here because respondents did not answer enough questions, or only answered questions with personally identifying information. Of the qualified responses, 67,441 completed the entire survey.

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**Columns:**

1. Respondent
2. The respondent of the survey.
3. Hobby
4. OpenSource
5. Country
6. Respondent Native Country
7. Student
8. Student or Working Professional
9. Employment
10. FormalEducation
11. UndergradMajor
12. CompanySize
13. DevType
14. YearsCoding
15. YearsCodingProf
16. JobSatisfaction
17. CareerSatisfaction
18. HopeFiveYears
19. JobSearchStatus
20. LastNewJob
21. AssessJob1
22. AssessJob2
23. AssessJob3
24. AssessJob4
25. AssessJob5
26. AssessJob6
27. AssessJob7
28. AssessJob8
29. AssessJob9
30. AssessJob10
31. AssessBenefits1
32. AssessBenefits2
33. AssessBenefits3
34. AssessBenefits4
35. AssessBenefits5
36. AssessBenefits6
37. AssessBenefits7
38. AssessBenefits8
39. AssessBenefits9
40. AssessBenefits10
41. AssessBenefits11
42. JobContactPriorities1
43. JobContactPriorities2
44. JobContactPriorities3
45. JobContactPriorities4
46. JobContactPriorities5
47. JobEmailPriorities1
48. JobEmailPriorities2
49. JobEmailPriorities3
50. JobEmailPriorities4
51. JobEmailPriorities5
52. JobEmailPriorities6
53. JobEmailPriorities7
54. UpdateCV
55. Currency
56. Salary
57. SalaryType
58. ConvertedSalary
59. CurrencySymbol
60. CommunicationTools
61. TimeFullyProductive
62. EducationTypes
63. SelfTaughtTypes
64. TimeAfterBootcamp
65. HackathonReasons
66. AgreeDisagree1
67. AgreeDisagree2
68. AgreeDisagree3
69. LanguageWorkedWith
70. LanguageDesireNextYear
71. DatabaseWorkedWith
72. DatabaseDesireNextYear
73. PlatformWorkedWith
74. PlatformDesireNextYear
75. FrameworkWorkedWith
76. FrameworkDesireNextYear
77. IDE
78. OperatingSystem
79. NumberMonitors
80. Methodology
81. VersionControl
82. CheckInCode
83. AdBlocker
84. AdBlockerDisable
85. AdBlockerReasons
86. AdsAgreeDisagree1
87. AdsAgreeDisagree2
88. AdsAgreeDisagree3
89. AdsActions
90. AdsPriorities1
91. AdsPriorities2
92. AdsPriorities3
93. AdsPriorities4
94. AdsPriorities5
95. AdsPriorities6
96. AdsPriorities7
97. AIDangerous
98. AIInteresting
99. AIResponsible
100. AIFuture
101. EthicsChoice
102. EthicsReport
103. EthicsResponsible
104. EthicalImplications
105. StackOverflowRecommend
106. StackOverflowVisit
107. StackOverflowHasAccount
108. StackOverflowParticipate
109. StackOverflowJobs
110. StackOverflowDevStory
111. StackOverflowJobsRecommend
112. StackOverflowConsiderMember
113. HypotheticalTools1
114. HypotheticalTools2
115. HypotheticalTools3
116. HypotheticalTools4
117. HypotheticalTools5
118. WakeTime
119. HoursComputer
120. HoursOutside
121. SkipMeals
122. ErgonomicDevices
123. Exercise
124. Gender
125. SexualOrientation
126. EducationParents
127. RaceEthnicity
128. Age
129. Dependents
130. MilitaryUS
131. SurveyTooLong
132. SurveyEasy