```
year = np.array([1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983,
1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000,
2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011])


physical_sciences = np.array([13.8, 14.9, 14.8, 16.5, 18.2, 19.1, 20.0, 21.3, 22.5, 23.7, 24.6, 25.7, 27.3,
27.6, 28.0, 27.5, 28.4, 30.4, 29.7, 31.3, 31.6, 32.6, 32.6, 33.6, 34.8, 35.9, 37.3, 38.3, 39.7, 40.2, 41.0, 42.2,
41.1, 41.7, 42.1, 41.6, 40.8, 40.7, 40.7, 40.7, 40.2, 40.1])


computer_science = np.array([13.6, 13.6, 14.9, 16.4, 18.9, 19.8, 23.9, 25.7, 28.1, 30.2, 32.5, 34.8, 36.3,
37.1, 36.8, 35.7, 34.7, 32.4, 30.8, 29.9, 29.4, 28.7, 28.2, 28.5, 28.5, 27.5, 27.1, 26.8, 27.0, 28.1, 27.7, 27.6,
27.0, 25.1, 22.2, 20.6, 18.6, 17.6, 17.8, 18.1, 17.6, 18.2])


health = np.array([77.1, 75.5, 76.9, 77.4, 77.9, 78.9, 79.2, 80.5, 81.9, 82.3, 83.5, 84.1, 84.4, 84.6, 85.1,
85.3, 85.7, 85.5, 85.2, 84.6, 83.9, 83.5, 83.0, 82.4, 81.8, 81.5, 81.3, 81.9, 82.1, 83.5, 83.5, 85.1, 85.8, 86.5,
86.5, 86.0, 85.9, 85.4, 85.2, 85.1, 85.0, 84.8])


education = np.array([74.53532758, 74.14920369, 73.55451996, 73.50181443, 73.33681143,
72.80185448, 72.16652471, 72.45639481, 73.19282134, 73.82114234, 74.98103152, 75.84512345,
75.84364914, 75.95060123, 75.86911601, 75.92343971, 76.14301516, 76.96309168, 77.62766177,
78.11191872, 78.86685859, 78.99124597, 78.43518191, 77.26731199, 75.81493264, 75.12525621,
75.03519921, 75.16370129999999, 75.48616027, 75.83816206, 76.69214284, 77.37522931,
78.64424394, 78.54494815, 78.65074774, 79.06712173, 78.68630551, 78.72141311, 79.19632674,
79.53290870000001, 79.61862451, 79.43281184])
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