MID-Bootcamp Project

An insight into Whitehouse staff salaries by gender from 1997-2020.

Ву

Delali

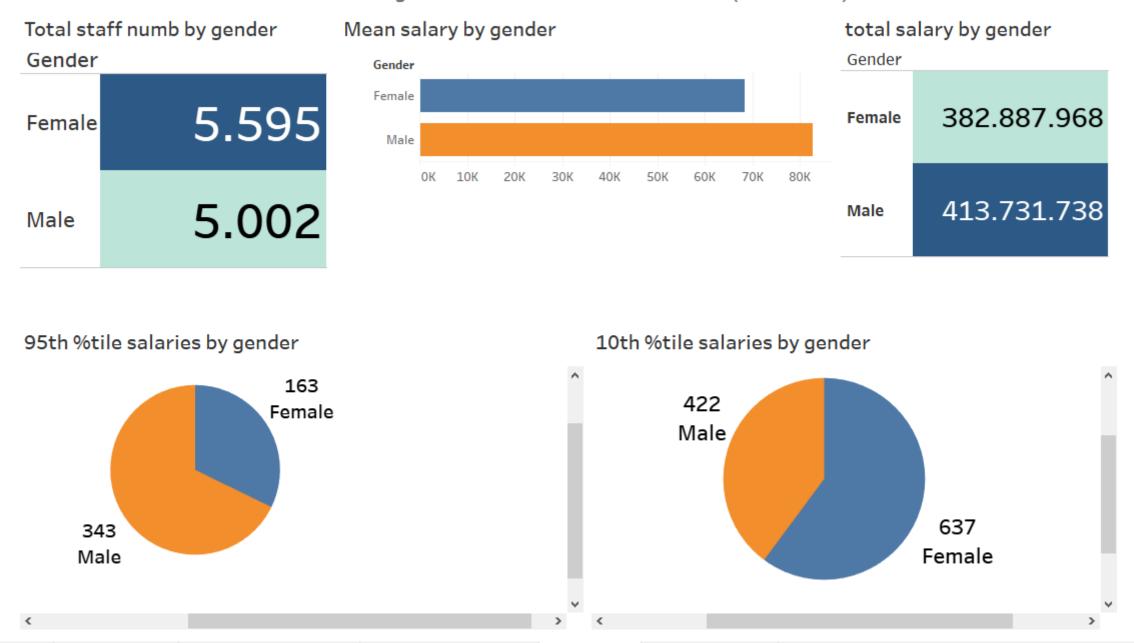
Sample size:

• 10,597 staff

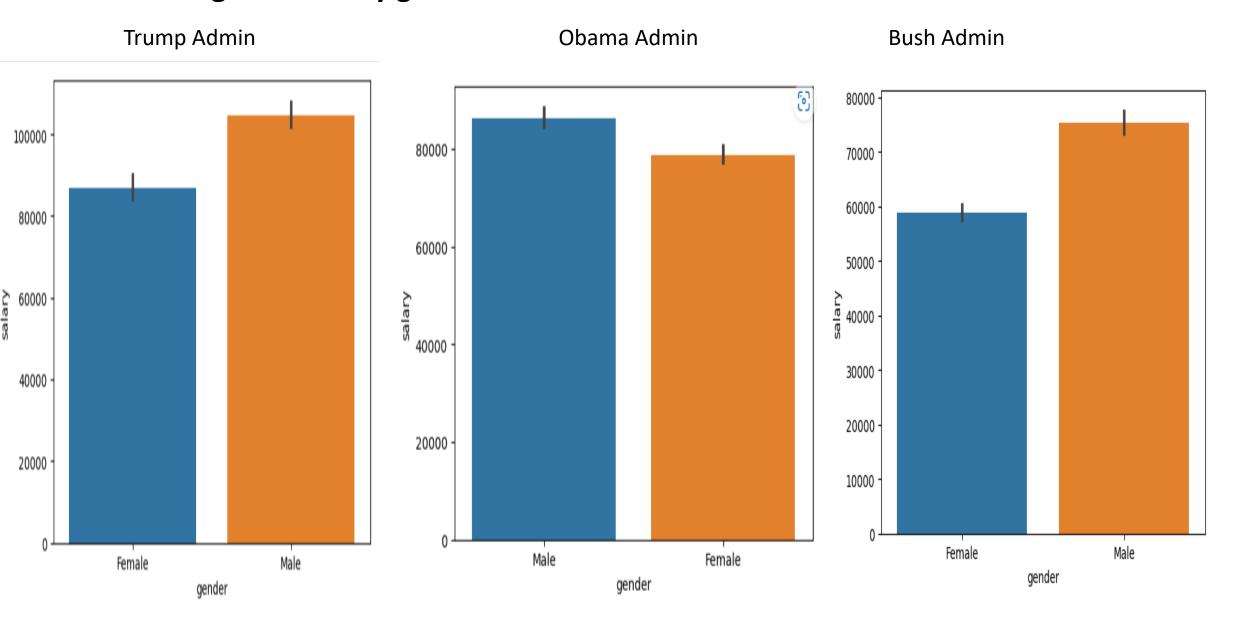
Administrations under consideration:

• Spanning Trump, Obama, Bush and Clinton Administrations.

Gender insights into Whitehouse staff salaries (1997-2020)



Average salaries by gender under Presidential Administrations



Hypothesis Testing: gender-gap in annual salaries

Hypothesis:

• Null Hypothesis: There is no difference between the mean annual salaries of males and females in the Whitehouse

• $(\mu 1 - \mu 2 = 0)$

• Alternate: There`s a difference in the mean annual salaries of females and Males in the Whitehouse

• $(\mu 1 - \mu 2 != 0)$

Confidence Interval @95%:

• The difference in average annual salaries of Females and Males in the Whitehouse is between \$12,758 &\$15,800 (\$12,758.3 - 15800.3)

Decision (pvalue=8.39451834941693e-76) < alpha = 0.05:

Reject Null hypothesis.

Conclusion:

• The average salaries of males and Females in the Whitehouse from 1997-2020 had a difference.

Staff who	havras	under	all Λ	dministrations	
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name	year	position_title		gender salary		position_title	salary
Campbell,Frances L.	2017	SUPERVISOR FOR DOCUMENT MANAGEMENT AND TRACKIN	Female	113755.0	2000	SUPERVISOR DATA ENTRY UNIT	56324.0
Droege,Philip C.	2017	DIRECTOR OF RECORDS MANAGEMENT	Male	153730.0	2000	RECORDS MANAGEMENT ANALYST	44148.0
Jones, Crystal B.	2017	ASSISTANT SUPERVISOR FOR DOCUMENT MANAGEMENT A	Female	98323.0	2000	RECORDS MANAGEMENT ANALYST	44071.0
Kalbaugh,David E.	2017	EXECUTIVE CLERK	Male	153730.0	2000	DEPUTY EXECUTIVE CLERK	62920.0
McCathran, William W.	2017	ASSISTANT EXECUTIVE CLERK	Male	116914.0	2000	ASSISTANT EXECUTIVE CLERK	56324.0
Roddick,Gertrude A.	2017	PRESIDENTIAL SUPPORT SPECIALIST	Female	100981.0	2000	DEPUTY DIRECTOR, MAIL ANALYSIS	40182.0
Thomas,Edwin R.,III	2017	ASSISTANT EXECUTIVE CLERK FOR MESSAGES AND EXE	Male	119489.0	2000	ASSISTANT TO THE EXECUTIVE CLERK	49845.0
Trainor, Gregory T.	2017	DIRECTOR OF SPECIAL PROJECTS FOR CORRESPONDENCE	Male	76685.0	2000	CORRESPONDENCE ANALYST	36230.0
Tucker, Phyllis J.	2017	SUPERVISOR OF COMPUTER ADMINISTRATION FOR RECO	Female	107435.0	2000	RECORDS MANAGEMENT ANALYST	44071.0
Williams,Sherman A.	2017	ASSISTANT TO THE EXECUTIVE CLERK	Male	90350.0	2000	ASSISTANT TO THE EXECUTIVE CLERK	38885.0
DeGuzman,Danilo,Jr.	2017	PRESIDENTIAL SUPPORT SPECIALIST	Male	82027.0	2000	SPECIAL ASSISTANT	34099.0
Brooke,Mary J.	2017	SUPERVISOR OF CORRESPONDENCE REVIEW	Female	107435.0	2000	RECORDS MANAGEMENT ANALYST	34099.0
King, Taeshonnda Cheralyn	2017	RECORDS MANAGEMENT ANALYST	Female	69100.0	2000	RECORDS MANAGEMENT TECHNICIAN	27707.0



David Kalbaugh

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Thanks for your attention!