MACHINE PERFORMANCE REPORT

04 September 2025

Summary Preview

Names	Apps	Accept	Enroll	Top10perc	Top25perc	F_Undergrad	P_Undergrad	Outstate	F
Abilene Christian University	1660	1232	721	23	52	2885	537	7440	3
Adelphi University	2186	1924	512	16	29	2683	1227	12280	6
Adrian College	1428	1097	336	22	50	1036	99	11250	3
Agnes Scott College	417	349	137	60	89	510	63	12960	5
Alaska Pacific University	193	146	55	16	44	249	869	7560	4
Albertson College	587	479	158	38	62	678	41	13500	3
Albertus Magnus College	353	340	103	17	45	416	230	13290	5
Albion College	1899	1720	489	37	68	1594	32	13868	4

Key Metrics (Numeric columns)

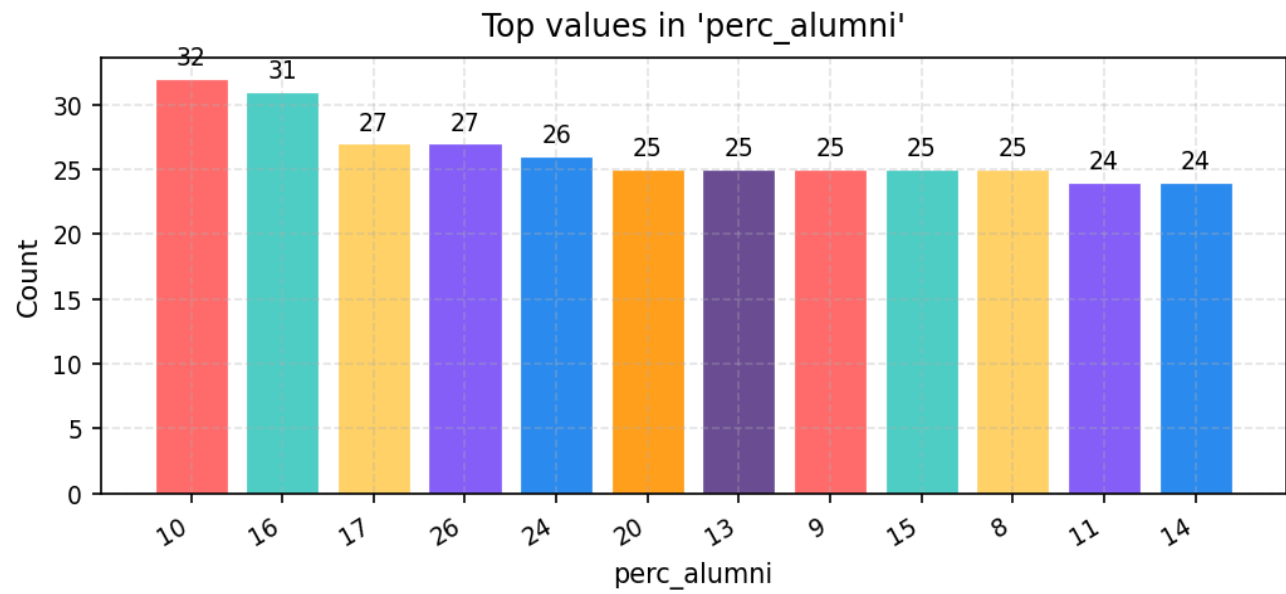| column	count	mean	std	min	25%	50%	75%	max
Names	0.0	nan	nan	nan	nan	nan	nan	nan
Apps	777.0	3001.64	3870.2	81.0	776.0	1558.0	3624.0	48094.0
Accept	777.0	2018.8	2451.11	72.0	604.0	1110.0	2424.0	26330.0
Enroll	777.0	779.97	929.18	35.0	242.0	434.0	902.0	6392.0
Top10perc	777.0	27.56	17.64	1.0	15.0	23.0	35.0	96.0
Top25perc	777.0	55.8	19.8	9.0	41.0	54.0	69.0	100.0
F_Undergrad	777.0	3699.91	4850.42	139.0	992.0	1707.0	4005.0	31643.0
P_Undergrad	777.0	855.3	1522.43	1.0	95.0	353.0	967.0	21836.0
Outstate	777.0	10440.67	4023.02	2340.0	7320.0	9990.0	12925.0	21700.0
Room_Board	777.0	4357.53	1096.7	1780.0	3597.0	4200.0	5050.0	8124.0
Books	777.0	549.38	165.11	96.0	470.0	500.0	600.0	2340.0
Personal	777.0	1340.64	677.07	250.0	850.0	1200.0	1700.0	6800.0
PhD	777.0	72.66	16.33	8.0	62.0	75.0	85.0	103.0
Terminal	777.0	79.7	14.72	24.0	71.0	82.0	92.0	100.0
S_F_Ratio	777.0	14.09	3.96	2.5	11.5	13.6	16.5	39.8
perc_alumni	777.0	22.74	12.39	0.0	13.0	21.0	31.0	64.0
Expend	777.0	9660.17	5221.77	3186.0	6751.0	8377.0	10830.0	56233.0
Grad_Rate	777.0	65.46	17.18	10.0	53.0	65.0	78.0	118.0

Counts by Category

Figure: Distribution of top values in column **perc_alumni**.

Share by Category (Donut)
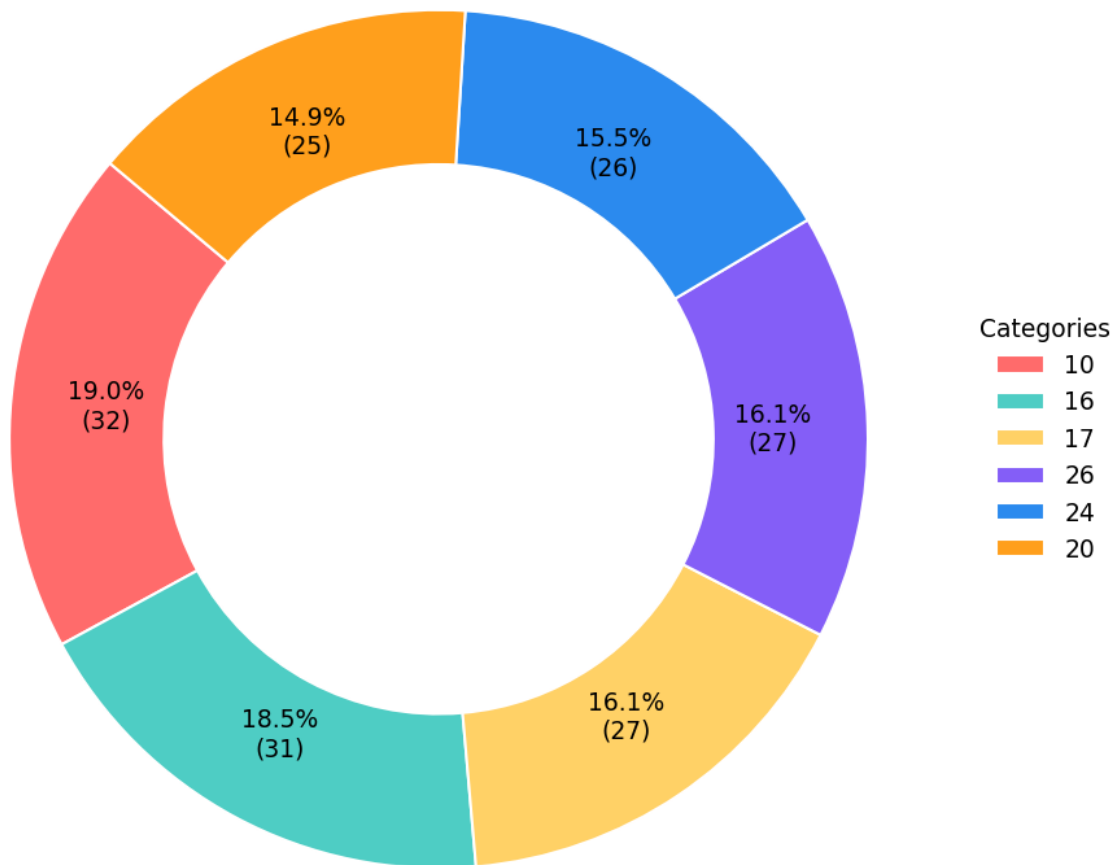
Share in 'perc_alumni'

Figure: Share of top categories in **perc_alumni**. Percent shown with absolute counts.

Time Series / Trend

Not enough time-series points to show a trend (need >=3 days).
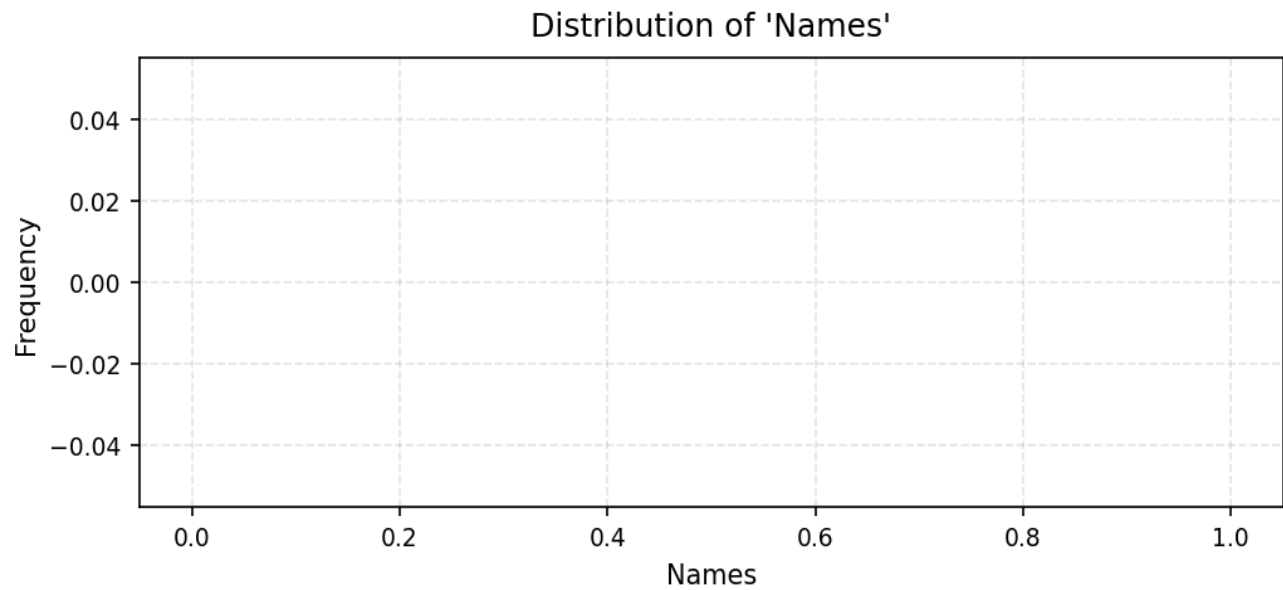
Distribution / Histogram

Figure: Histogram showing distribution of **Names**.

Peak Engagement (data-driven time ranges)

00:00 – 01:59: 100%
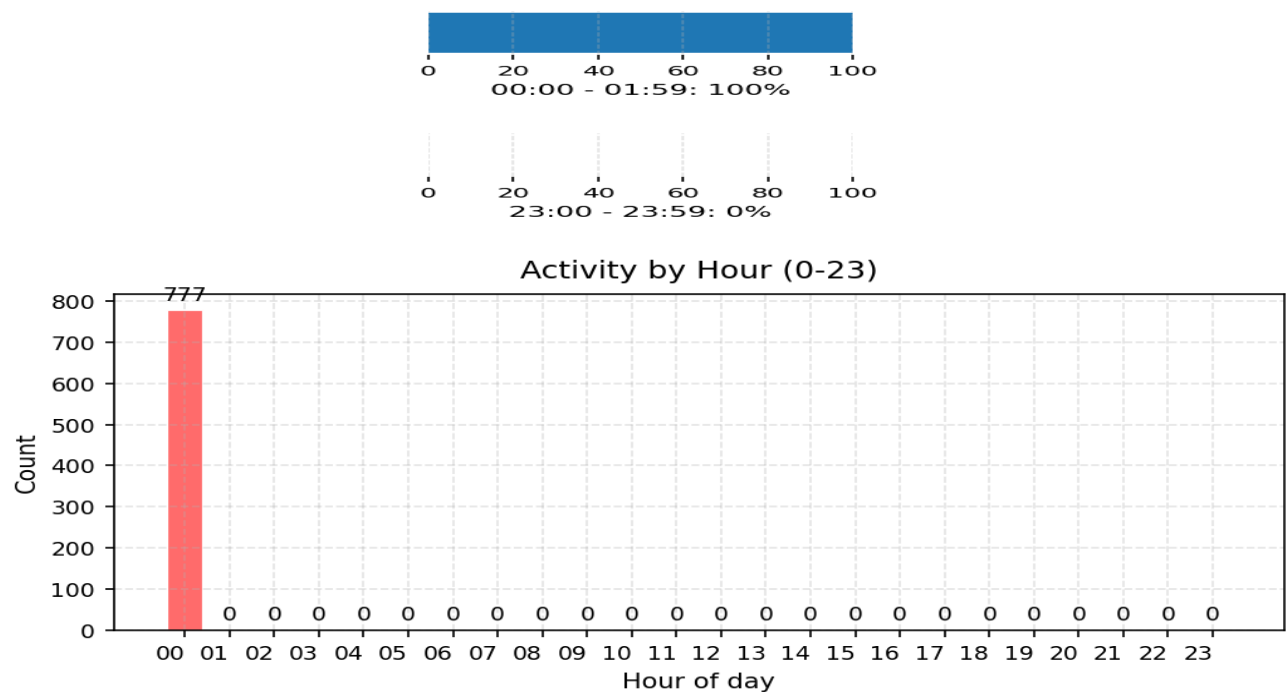

23:00 – 23:59: 0%

Figure: Data-driven detected active time ranges (gauges) derived from CSV timestamps plus full 24-hour activity for context.

Automated Summary & Insights

- Column with largest total: **Outstate**
- Column with highest mean: **Outstate**
- Column with highest std dev (most variable): **Expend**
- Most frequent value in **_parsed_date**: 1970-01-01 00:00:00.000000663