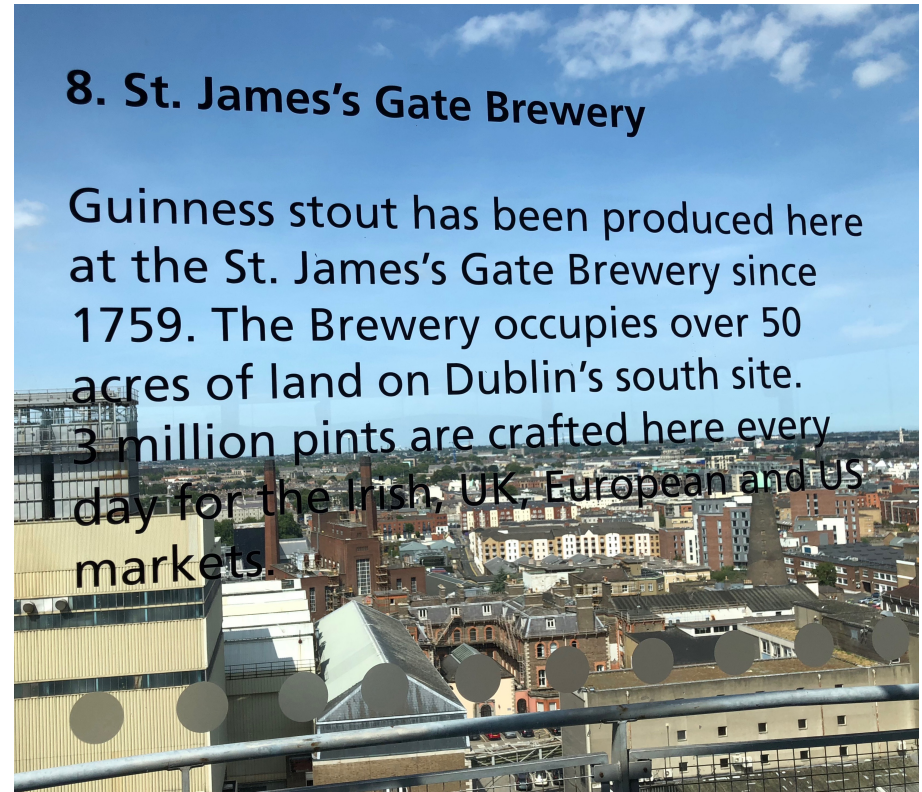


*Guinness St. James's
Gate Brewery,
Dublin.
Estd. 1759.*



8. St. James's Gate Brewery

Guinness stout has been produced here at the St. James's Gate Brewery since 1759. The Brewery occupies over 50 acres of land on Dublin's south site. 3 million pints are crafted here every day for the Irish, UK, European and US markets.



William Sealy Gosset, Chief Brewer, 1876-1937



Photo from Wikipedia.

*As an employee of Guinness, Gosset applied his statistical knowledge
– both in the brewery and on the farm – to the selection of the best yielding varieties of barley.*



Another researcher at Guinness had previously published a paper containing trade secrets of the Guinness brewery. To prevent further disclosure of confidential information, Guinness prohibited its employees from publishing any papers regardless of the contained information. However, after pleading with the brewery and explaining that his mathematical and philosophical conclusions were of no possible practical use to competing brewers, he was allowed to publish them, but under a pseudonym ("Student"), to avoid difficulties with the rest of the staff.

Text from Wikipedia.

BIOMETRIKA.

THE PROBABLE ERROR OF A MEAN.

By STUDENT.

Introduction.

ANY experiment may be regarded as forming an individual of a "population" of experiments which might be performed under the same conditions. A series of experiments is a sample drawn from this population.



William Sealy Gosset



*Biometrika, Volume 6, Issue 1,
1 March 1908, Pages 1–25.*

$$\mu = \bar{x} \pm \frac{ts}{\sqrt{N}}$$

Student t factor.



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